API Well Number: 43047544220000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Three Rivers 4-34-820

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
THREE RIVERS

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
ULTRA RESOURCES INC

7. OPERATOR PHONE
303 645-9810

8. ADDRESS OF OPERATOR
304 Inverness Way South #295, Englewood, CO, 80112

9. OPERATOR E-MAIL
dghani@ultrapetroleum.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
FEE

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ◉

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
UPL Three Rivers Holdings, LLC

14. SURFACE OWNER PHONE (if box 12 = 'fee')
303-645-9810

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
304 Inverness Way South Suite 295, Englewood, CO 80112

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
dghani@ultrapetroleum.com

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1529 FSL 2333 FEL	NWSE	4	8.0 S	20.0 E	S
Top of Uppermost Producing Zone	660 FSL 1980 FEL	SWSE	4	8.0 S	20.0 E	S
At Total Depth	660 FSL 1980 FEL	SWSE	4	8.0 S	20.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
659

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
40

26. PROPOSED DEPTH
MD: 6943 TVD: 6790

27. ELEVATION - GROUND LEVEL
4752

28. BOND NUMBER
022046398

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-2262

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 6944	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0
							OTHER	450	1.35	14.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Katherine Skinner **TITLE** Permitting Assistant **PHONE** 303 645-9872

SIGNATURE **DATE** 05/12/2014 **EMAIL** kskinner@ultrapetroleum.com

API NUMBER ASSIGNED
43047544220000

APPROVAL
Permit Manager

RECEIVED: July 17, 2014

ULTRA RESOURCES, INC.

MASTER
8 - POINT DRILLING PROGRAM

Slim Hole Design
8 5/8" Surface & 5 ½" Production Casing Design

DATED: 06-01-14

Directional Wells located on Ultra leases in
Three Rivers Project:

Three Rivers 4-34-820

SHL: Sec 4 (NWSE) 8S R20E

Uintah, Utah

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

RECEIVED: June 02, 2014

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Top	Top (TVD)	Comments
Uinta	Surface	
BMSW	1,300' MD / 1,300' TVD	
Green River	2,824' MD / 2,760' TVD	
Mahogany	4,240' MD / 4,090' TVD	
Garden Gulch	4,809' MD / 4,655' TVD	Oil & Associated Gas
Lower Green River*	4,984' MD / 4,830' TVD	Oil & Associated Gas
Wasatch	6,764' MD / 6,610' TVD	Oil & Associated Gas
TD	6,964' MD / 6,810' TVD	

Asterisks (*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

2. BOP Equipment

A) The BOPE shall be closed whenever the well is unattended The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.

B) The BOPE shall be closed whenever the well is unattended.

C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:

1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
2) Choke Manifold
3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
4) Two adjustable chokes will be used in the choke manifold.
5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
6) Pressure gauges in the well control system will be designed for drilling fluid.

D) BOPE Testing:

1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
2) All BOP tests will be performed with a test plug in place.
3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL	BOP EQUIPMENT
0 - 1,000' MD / 1, 000' TVD	11" Diverter with Rotating Head
1,000' MD / 1, 000' TVD – 6,964' MD / 6,810' TVD	3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

3. Casing and Float Equipment Program

CASING:

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	11"	8 5/8"	1,000' MD / 1, 000' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 ½"	6,964' MD / 6,810' TVD	17.0 ppf	J-55, LTC	New

RECEIVED: June 02, 2014

CASING SPECIFICATIONS:

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 ½"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

FLOAT EQUIPMENT:

SURFACE (8 5/8") Float Shoe, 1 joint casing, float collar
Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 ½") Float Shoe, 1 joint casing, float collar
Centralizers: 1 each 1st 4 Joints then every 3rd joint to 500' into surface casing

4. Cementing Programs

CONDUCTOR (13 ⅜") Ready Mix – Cement to surface

SURFACE (8 5/8") Cement Top - Surface
Surface – 500' Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess
500' – 1,000' MD / 1, 000' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 ½") Cement Top – 500'
500' - 4,000' TVD ± Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR ¼, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess
4,000' – 6,964' MD / 6,810' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR ¼, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:

1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work in completed.
4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

RECEIVED: June 02, 2014

6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1, 000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1, 000' TVD - 6,964' MD / 6,810' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor

C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

6. Evaluation Program - Testing, Logging, and Coring

A) Cores: None anticipated.

B) Testing: None anticipated.

C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.

D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.

E) Mud Logs: None anticipated.

F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

7. Anticipated Pressures and H.S.

A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.

B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.

C) No hydrogen sulfide gas is anticipated, however if H_2S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

8. Other Information and Notification Requirements

A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the ***Utah Division of Oil, Gas and Mining***, and the BLM Vernal (when drilling on Federal leases).

RECEIVED: June 02, 2014

1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
2) It is anticipated that the drilling and completion of this well will take approximately 90 days.

B) Notification Requirements for ***Utah Division of Oil, Gas and Mining***:

- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
- ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
- ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
- ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***

C) Notification Requirements BLM Vernal ***when drilling on Federal leases as follows: (Cade T Taylor @*** cctaylor@blm.gov and Blm_ut_vn_opreport@blm.gov:

- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
- ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
- ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
- ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***

D) Any changes in the program must be approved by the ***Utah Division of Oil, Gas and Mining*** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

. Operator name, address, and telephone number.
. Well name and number.
. Well location (1/4 1/4, Section, Township, Range and P.M.)
. Date well was placed in a producing status (date of first production for which royalty will be paid).
. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
. The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

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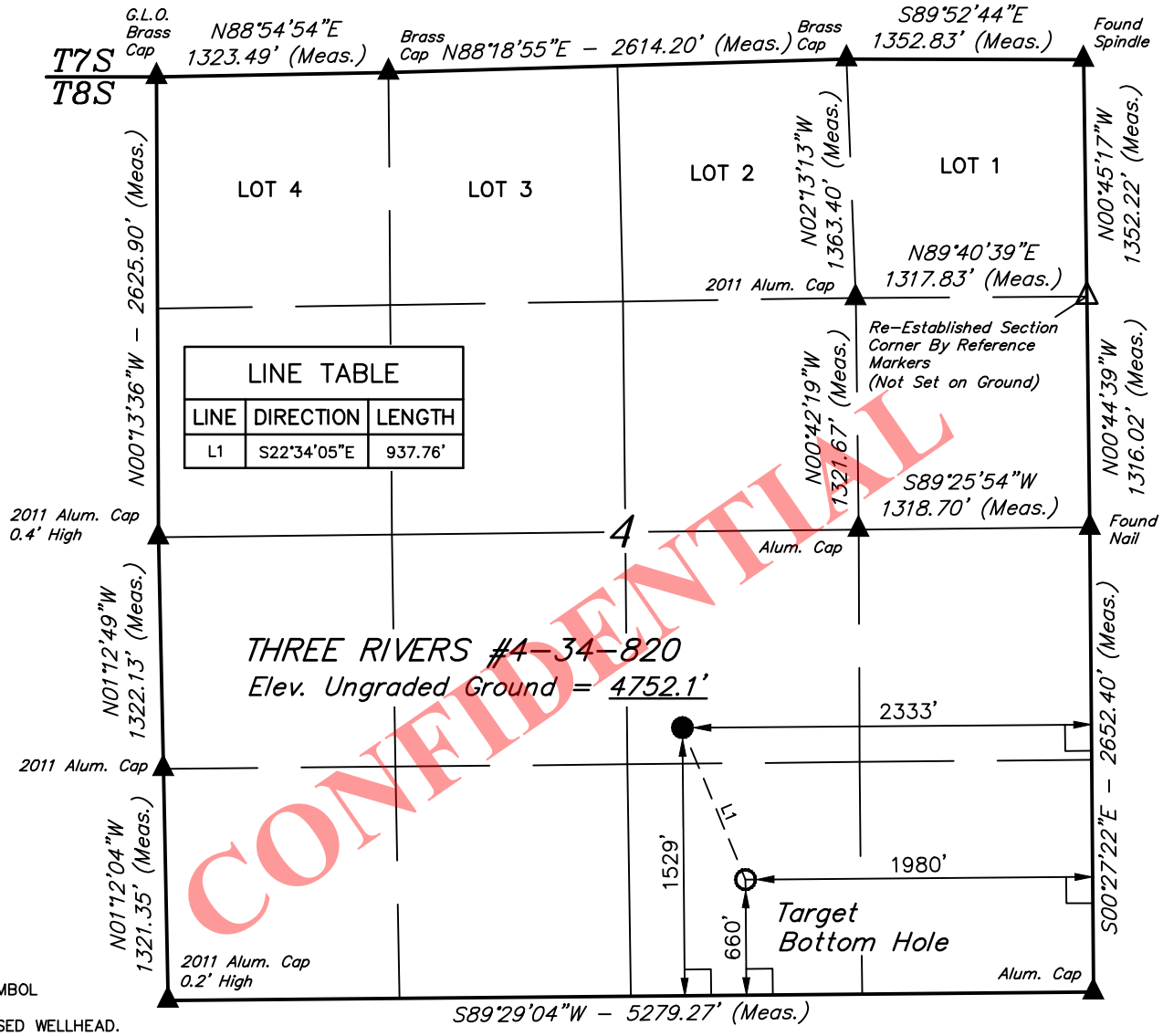
API Well Number: 43047544220000

T8S, R20E, S.L.B.&M.



LEGEND:

- = 90° SYMBOL
- ● = PROPOSED WELLHEAD.
- ○ = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

1000' 500' 0' 1000'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

05-07-14

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'46.33" (40.146203)	LATITUDE = 40°08'54.89" (40.148581)
LONGITUDE = 109°40'16.26" (109.671183)	LONGITUDE = 109°40'20.89" (109.672469)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OSERVATION

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

N

ULTRA RESOURCES, INC.

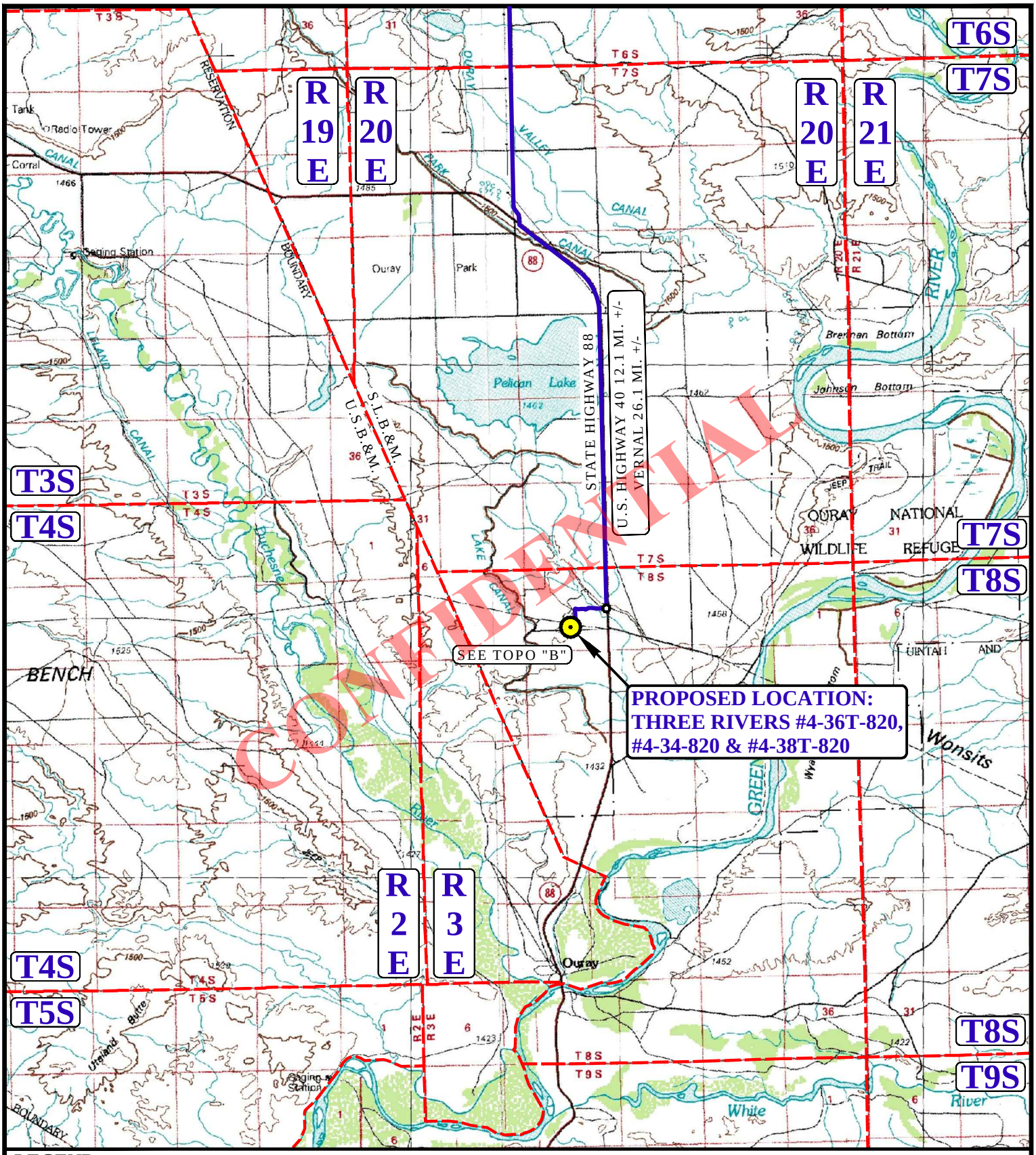
THREE RIVERS #4-34-820
NW 1/4 SE 1/4, SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

SURVEYED BY: M.P. T.P.	SCALE: 1"=1000'	DRAWN BY: H.W.
DATE: 04-22-14		DATE: 04-30-14

WELL LOCATION PLAT

RECEIVED: May 12, 2014

API Well Number: 43047544220000



LEGEND:

PROPOSED LOCATION

ULTRA RESOURCES, INC.

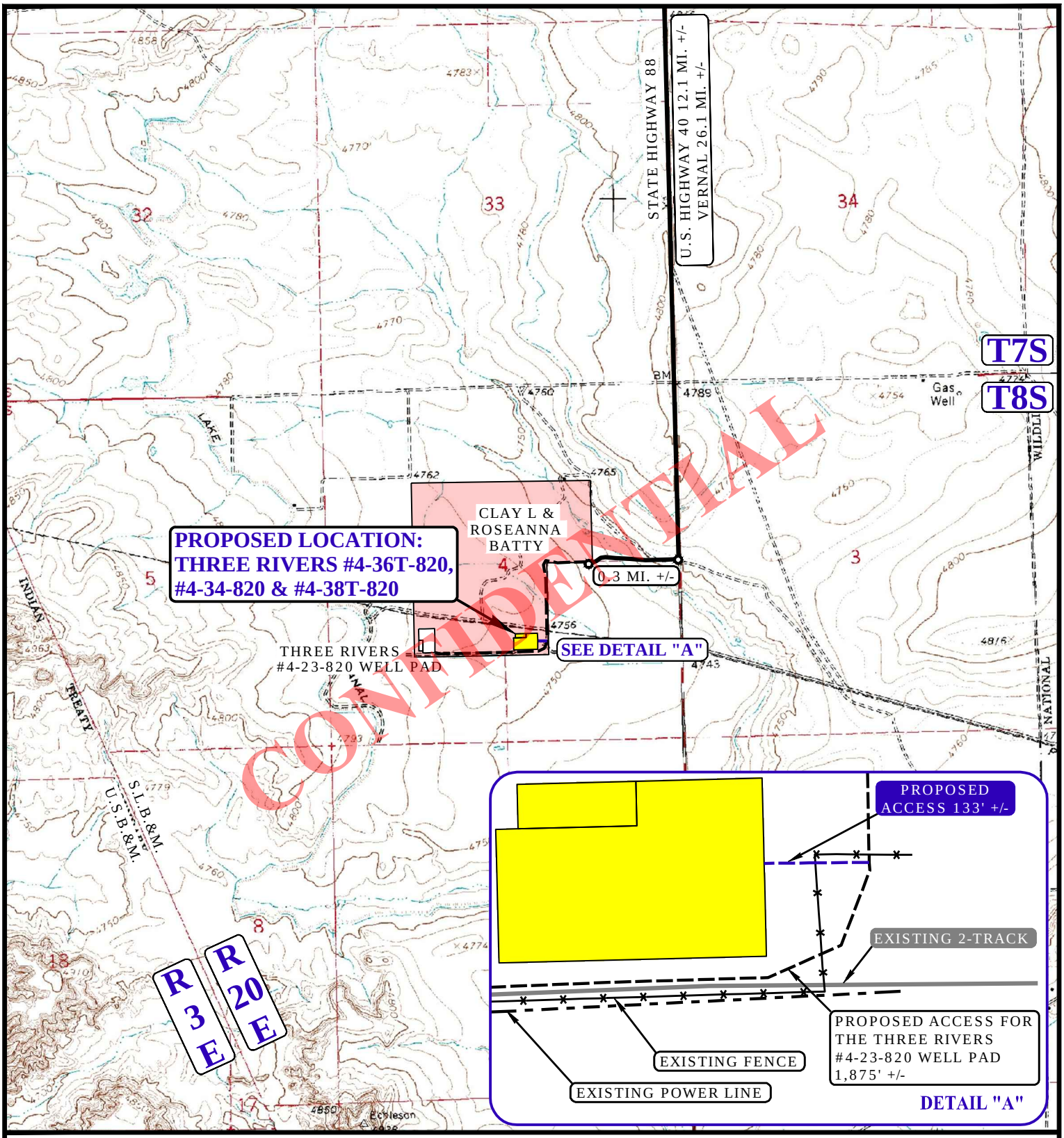
THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
SCALE: 1:100,000	REV: 00-00-00
ACCESS ROAD MAP	**TOPO A**

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

RECEIVED: May 12, 2014



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD
- PROPOSED ROAD (SERVICING OTHER WELLS)
- EXISTING 2-TRACK
- EXISTING FENCE
- EXISTING POWER LINE

ULTRA RESOURCES, INC.

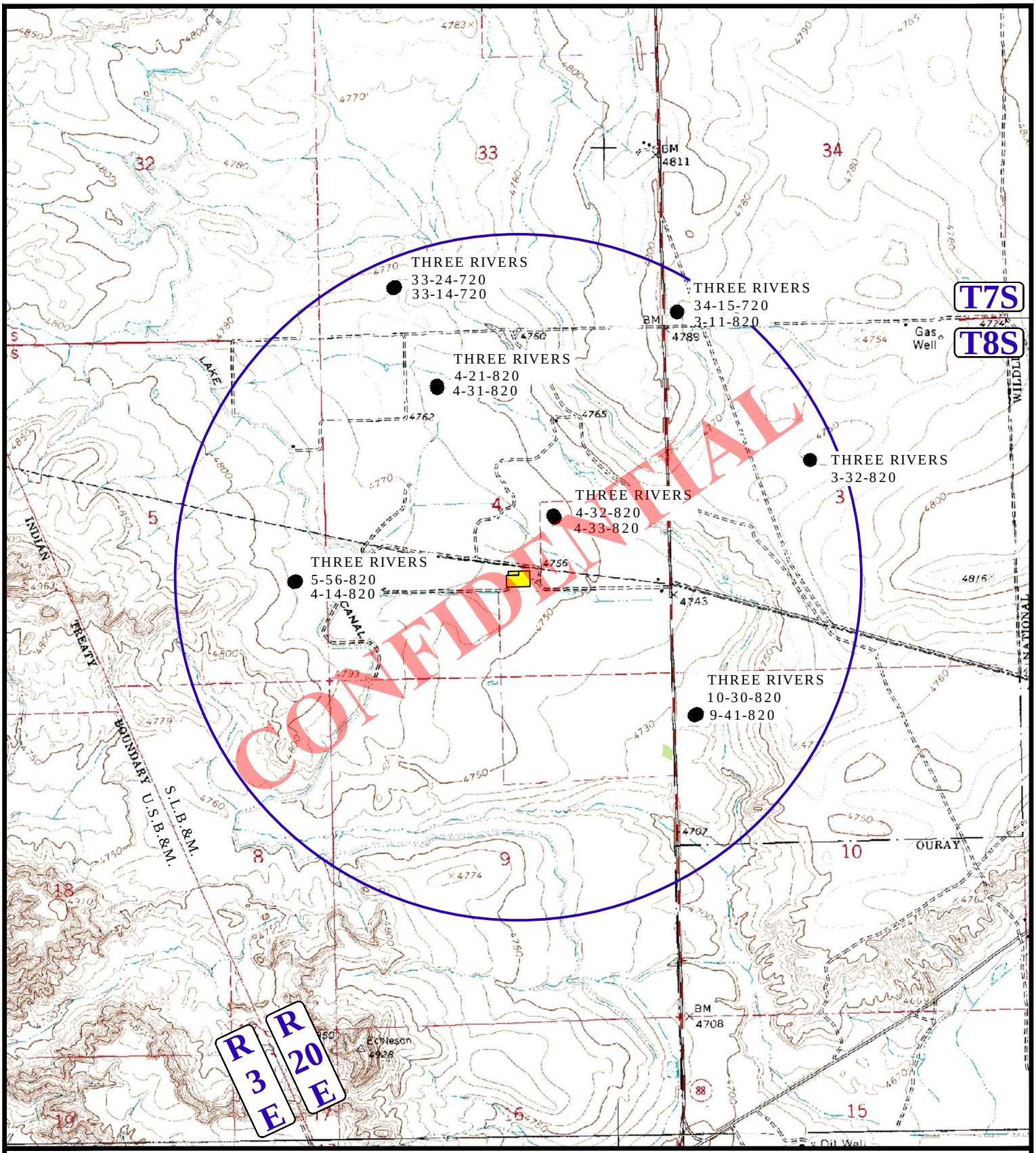
THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
SCALE: 1" = 2000'	REV: 00-00-00
ACCESS ROAD MAP	**TOPO B**

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

RECEIVED: May 12, 2014

API Well Number: 43047544220000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
SCALE: 1" = 2000'	REV: 00-00-00

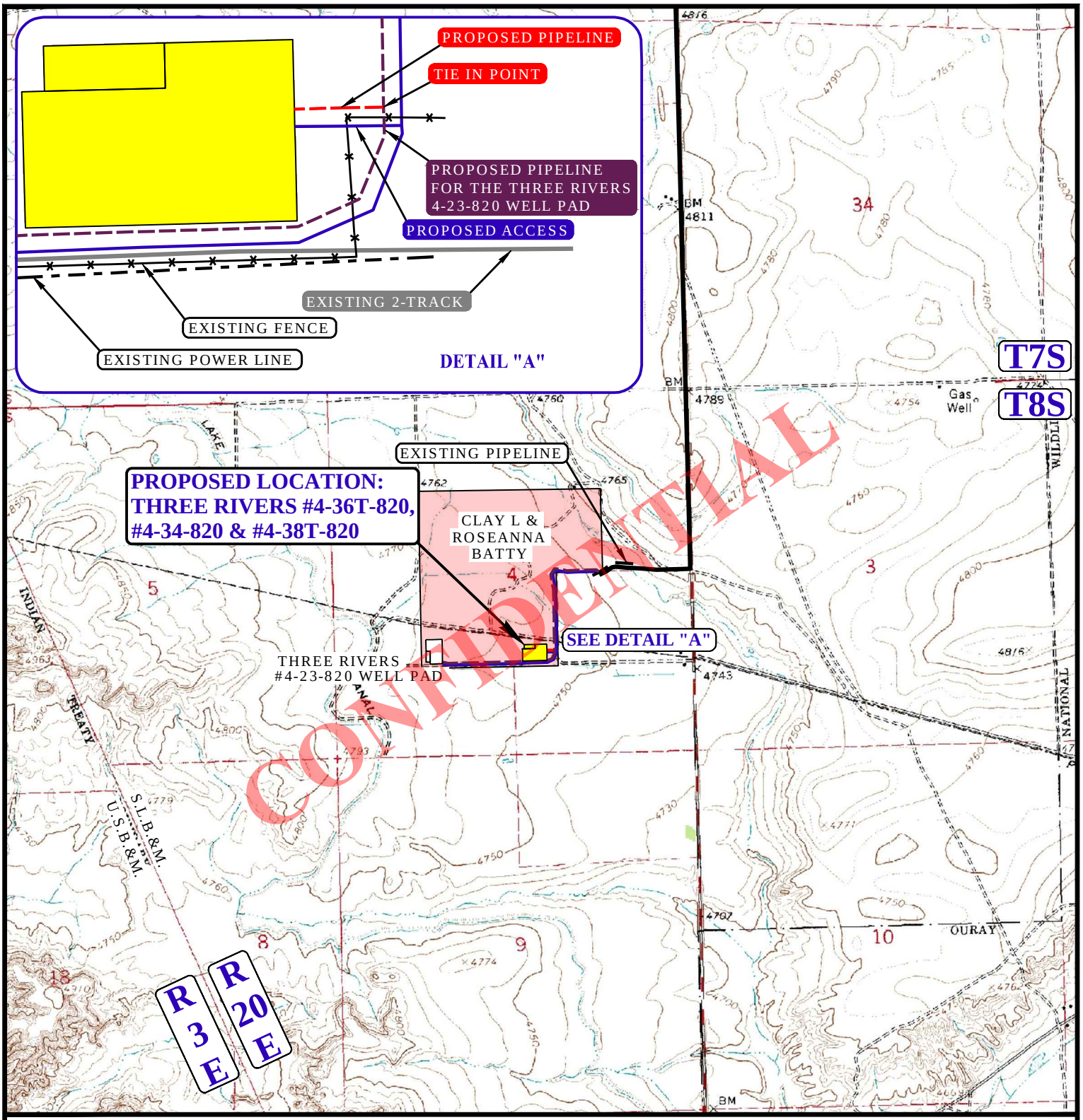
WELL PROXIMITY MAP | **TOPO C**

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

RECEIVED: May 12, 2014

API Well Number: 43047544220000



APPROXIMATE TOTAL PIPELINE DISTANCE = 116' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- PROPOSED ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

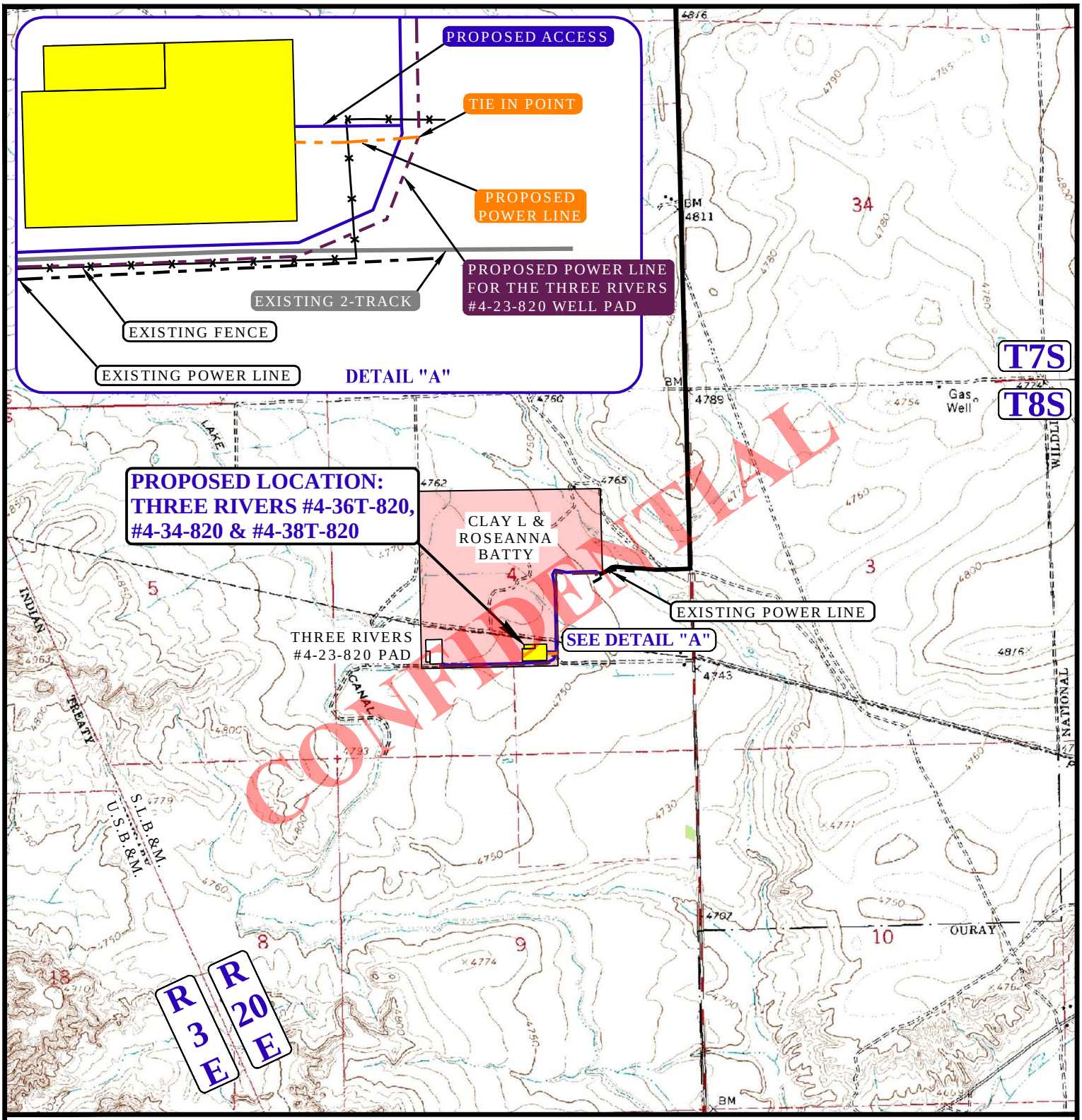
DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
SCALE: 1" = 2000'	REV: 00-00-00
PIPELINE MAP	TOPO D

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

RECEIVED: May 12, 2014

API Well Number: 43047544220000



APPROXIMATE TOTAL POWER LINE DISTANCE = 157' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- PROPOSED ROAD
- EXISTING POWER LINE
- PROPOSED POWER LINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
SCALE: 1" = 2000'	REV: 00-00-00
POWER LINE MAP	**TOPO E**

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

RECEIVED: May 12, 2014

API Well Number: 43047544220000

ULTRA RESOURCES, INC

Location:	Three Rivers	Slot:	Three Rivers 4-34-820 (1529' FSL & 2333' FEL)
Field:	UINTAH COUNTY	Well:	Three River 4-34-820
Facility:	Sec.04-T8S-R20E	Wellbore:	Three River 4-34-820 PWB

Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three River 4-34-820 Target On Plat 660' FSL & 1980' FEL	4808.77	4655.00	-866.21	361.88	2151611.55	7227205.36	40°08'46.330"N	109°40'16.230"W

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	157.326	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.000	157.326	1200.00	0.00	0.00	0.00	0.00
Build (S)	2286.60	21.732	157.326	2260.74	-187.88	78.49	2.00	203.61
End of Tangent (S)	3722.16	21.732	157.326	3594.26	-678.34	283.39	0.00	735.15
Drop (S)	4808.77	0.000	157.326	4655.00	-866.21	361.88	2.00	938.77
End of Tangent	6963.77	0.000	157.326	6810.00	-866.21	361.88	0.00	938.77

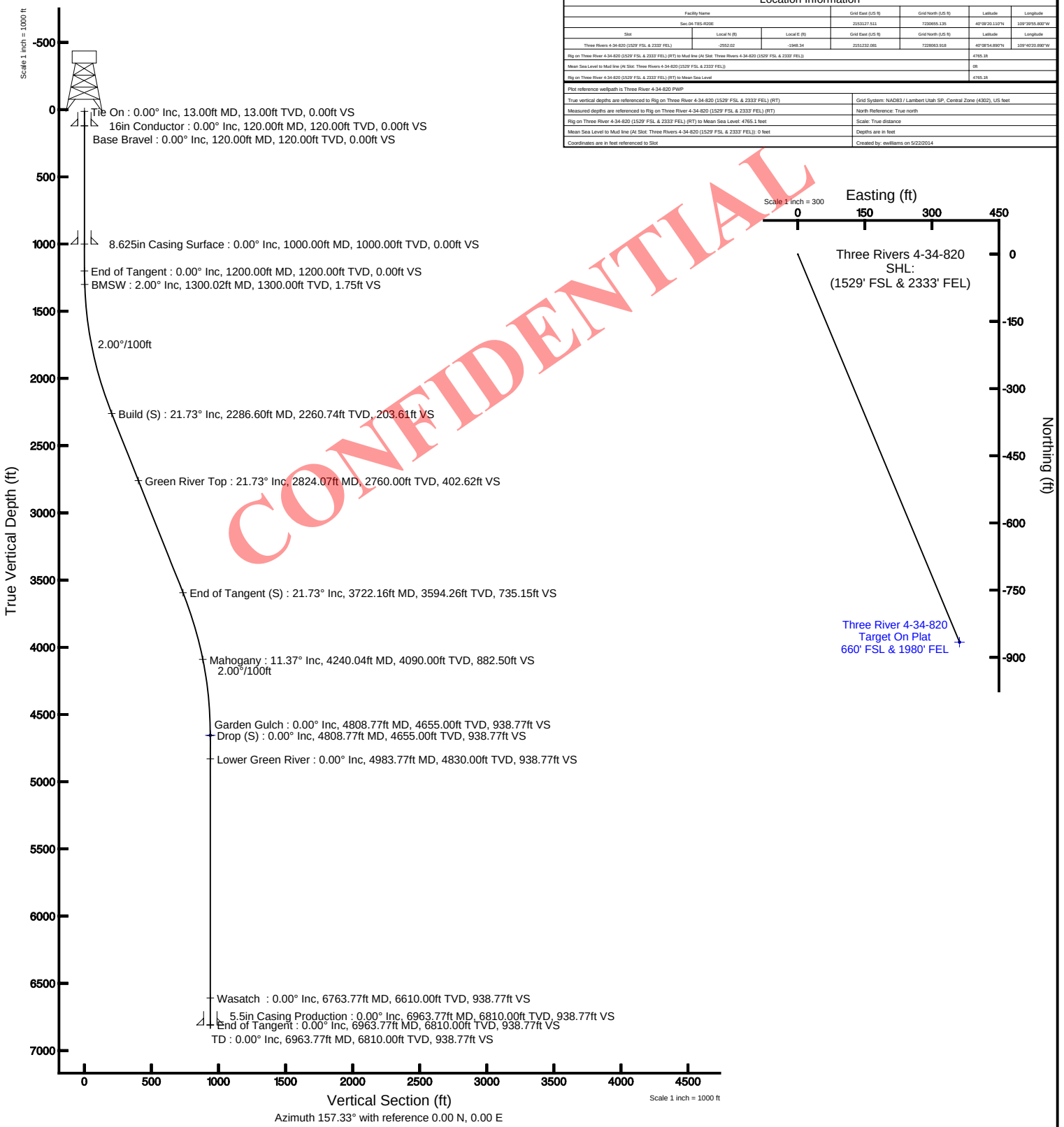
Location Information

Facility Name			Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sec.04-T8S-R20E			2153127.511	7230655.135	40°09'20.110"N	109°39'55.800"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 4-34-820 (1529' FSL & 2333' FEL)	-2552.02	-1948.34	2151232.081	7228063.918	40°08'54.890"N	109°40'20.690"W

Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Mud line (At Slot: Three Rivers 4-34-820 (1529' FSL & 2333' FEL))	4765.1ft
Mean Sea Level to Mud line (At Slot: Three Rivers 4-34-820 (1529' FSL & 2333' FEL))	0ft
Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Mean Sea Level	4765.1ft

Plot reference wellpath is Three River 4-34-820 PWP

True vertical depths are referenced to Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT)	North Reference: True north
Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Mean Sea Level: 4765.1 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Three Rivers 4-34-820 (1529' FSL & 2333' FEL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: ewilliams on 5/22/2014



RECEIVED: June 02, 2014

Planned Wellpath Report

Three River 4-34-820 PWP

Page 1 of 5

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1529' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 PWB**
Facility	**Sec.04-T8S-R20E**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Utah SP, Central Zone (4302), US feet**	Software System	**WellArchitect® 3.0.0**
North Reference	**True**	User	**Ewilliams**
Scale	**0.999914**	Report Generated	**5/22/2014** at **4:02:38 PM**
Convergence at slot	**1.17° East**	Database/Source file	**WellArchitectDB/Three_River_4-34-820_PWB.xml**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-2552.02	-1948.34	2151232.08	7228063.92	**40°08'54.890"N**	**109°40'20.890"W**
Facility Reference Pt			2153127.51	7230655.14	**40°09'20.110"N**	**109°39'55.800"W**
Field Reference Pt			2156630.96	7236613.42	**40°10'18.270"N**	**109°39'09.100"W**

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Facility Vertical Datum	**4765.10**
Horizontal Reference Pt	**Slot**	Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Mean Sea Level	**4765.10**
Vertical Reference Pt	**Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT)**	Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT) to Mud Line at Slot (Three Rivers 4-34-820 (1529' FSL & 2333' FEL))	**4765.10**
MD Reference Pt	**Rig on Three River 4-34-820 (1529' FSL & 2333' FEL) (RT)**	Section Origin	**N 0.00, E**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**157.33°**

Planned Wellpath Report

Three River 4-34-820 PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1529' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 PWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	157.326	0.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
13.00	0.000	157.326	13.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
113.00†	0.000	157.326	113.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
120.00†	0.000	157.326	120.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	Base Bravel
213.00†	0.000	157.326	213.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
313.00†	0.000	157.326	313.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
413.00†	0.000	157.326	413.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
513.00†	0.000	157.326	513.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
613.00†	0.000	157.326	613.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
713.00†	0.000	157.326	713.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
813.00†	0.000	157.326	813.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
913.00†	0.000	157.326	913.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1013.00†	0.000	157.326	1013.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1113.00†	0.000	157.326	1113.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1200.00	0.000	157.326	1200.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1213.00†	0.260	157.326	1213.00	0.03	-0.03	0.01	40°08'54.890"N	109°40'20.890"W	2.00	
1300.02†	2.000	157.326	1300.00	1.75	-1.61	0.67	40°08'54.874"N	109°40'20.881"W	2.00	BMSW
1313.00†	2.260	157.326	1312.97	2.23	-2.06	0.86	40°08'54.870"N	109°40'20.879"W	2.00	
1413.00†	4.260	157.326	1412.80	7.91	-7.30	3.05	40°08'54.818"N	109°40'20.851"W	2.00	
1513.00†	6.260	157.326	1512.38	17.08	-15.76	6.58	40°08'54.734"N	109°40'20.805"W	2.00	
1613.00†	8.260	157.326	1611.57	29.72	-27.42	11.46	40°08'54.619"N	109°40'20.742"W	2.00	
1713.00†	10.260	157.326	1710.26	45.81	-42.27	17.66	40°08'54.472"N	109°40'20.663"W	2.00	
1813.00†	12.260	157.326	1808.33	65.33	-60.28	25.19	40°08'54.294"N	109°40'20.566"W	2.00	
1913.00†	14.260	157.326	1905.66	88.27	-81.45	34.03	40°08'54.085"N	109°40'20.452"W	2.00	
2013.00†	16.260	157.326	2002.13	114.59	-105.73	44.17	40°08'53.845"N	109°40'20.321"W	2.00	
2113.00†	18.260	157.326	2097.62	144.26	-133.11	55.61	40°08'53.575"N	109°40'20.174"W	2.00	
2213.00†	20.260	157.326	2192.02	177.24	-163.54	68.32	40°08'53.274"N	109°40'20.010"W	2.00	
2286.60	21.732	157.326	2260.74	203.61	-187.88	78.49	40°08'53.033"N	109°40'19.879"W	2.00	
2313.00†	21.732	157.326	2285.26	213.39	-196.90	82.26	40°08'52.944"N	109°40'19.831"W	0.00	
2413.00†	21.732	157.326	2378.15	250.41	-231.06	96.53	40°08'52.607"N	109°40'19.647"W	0.00	
2513.00†	21.732	157.326	2471.04	287.44	-265.23	110.80	40°08'52.269"N	109°40'19.463"W	0.00	
2613.00†	21.732	157.326	2563.93	324.47	-299.39	125.08	40°08'51.931"N	109°40'19.279"W	0.00	
2713.00†	21.732	157.326	2656.83	361.49	-333.56	139.35	40°08'51.594"N	109°40'19.096"W	0.00	
2813.00†	21.732	157.326	2749.72	398.52	-367.72	153.62	40°08'51.256"N	109°40'18.912"W	0.00	
2824.07†	21.732	157.326	2760.00	402.62	-371.50	155.20	40°08'51.219"N	109°40'18.891"W	0.00	Green River Top
2913.00†	21.732	157.326	2842.61	435.55	-401.89	167.90	40°08'50.919"N	109°40'18.728"W	0.00	
3013.00†	21.732	157.326	2935.50	472.57	-436.05	182.17	40°08'50.581"N	109°40'18.544"W	0.00	
3113.00†	21.732	157.326	3028.40	509.60	-470.22	196.44	40°08'50.243"N	109°40'18.360"W	0.00	
3213.00†	21.732	157.326	3121.29	546.63	-504.38	210.72	40°08'49.906"N	109°40'18.177"W	0.00	
3313.00†	21.732	157.326	3214.18	583.65	-538.55	224.99	40°08'49.568"N	109°40'17.993"W	0.00	
3413.00†	21.732	157.326	3307.07	620.68	-572.71	239.26	40°08'49.230"N	109°40'17.809"W	0.00	
3513.00†	21.732	157.326	3399.97	657.71	-606.88	253.54	40°08'48.893"N	109°40'17.625"W	0.00	
3613.00†	21.732	157.326	3492.86	694.73	-641.04	267.81	40°08'48.555"N	109°40'17.441"W	0.00	
3713.00†	21.732	157.326	3585.75	731.76	-675.21	282.08	40°08'48.218"N	109°40'17.258"W	0.00	
3722.16	21.732	157.326	3594.26	735.15	-678.34	283.39	40°08'48.187"N	109°40'17.241"W	0.00	

Planned Wellpath Report

Three River 4-34-820 PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1529' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 PWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3813.00†	19.915	157.326	3679.16	767.44	-708.13	295.84	40°08'47.892"N	109°40'17.080"W	2.00	
3913.00†	17.915	157.326	3773.76	799.86	-738.04	308.33	40°08'47.597"N	109°40'16.920"W	2.00	
4013.00†	15.915	157.326	3869.43	828.95	-764.89	319.55	40°08'47.331"N	109°40'16.775"W	2.00	
4113.00†	13.915	157.326	3966.05	854.69	-788.64	329.47	40°08'47.097"N	109°40'16.647"W	2.00	
4213.00†	11.915	157.326	4063.52	877.04	-809.26	338.09	40°08'46.893"N	109°40'16.536"W	2.00	
4240.04†	11.375	157.326	4090.00	882.50	-814.29	340.19	40°08'46.843"N	109°40'16.509"W	2.00	Mahogany
4313.00†	9.915	157.326	4161.70	895.98	-826.73	345.39	40°08'46.720"N	109°40'16.442"W	2.00	
4413.00†	7.915	157.326	4260.49	911.47	-841.03	351.36	40°08'46.579"N	109°40'16.365"W	2.00	
4513.00†	5.915	157.326	4359.76	923.51	-852.14	356.00	40°08'46.469"N	109°40'16.306"W	2.00	
4613.00†	3.915	157.326	4459.39	932.08	-860.04	359.30	40°08'46.391"N	109°40'16.263"W	2.00	
4713.00†	1.915	157.326	4559.25	937.17	-864.74	361.26	40°08'46.345"N	109°40'16.238"W	2.00	
4808.77	0.000	157.326	4655.00[1]	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	2.00	Garden Gulch
4813.00†	0.000	157.326	4659.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
4913.00†	0.000	157.326	4759.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
4983.77†	0.000	157.326	4830.00	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	Lower Green River
5013.00†	0.000	157.326	4859.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5113.00†	0.000	157.326	4959.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5213.00†	0.000	157.326	5059.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5313.00†	0.000	157.326	5159.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5413.00†	0.000	157.326	5259.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5513.00†	0.000	157.326	5359.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5613.00†	0.000	157.326	5459.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5713.00†	0.000	157.326	5559.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5813.00†	0.000	157.326	5659.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
5913.00†	0.000	157.326	5759.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6013.00†	0.000	157.326	5859.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6113.00†	0.000	157.326	5959.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6213.00†	0.000	157.326	6059.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6313.00†	0.000	157.326	6159.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6413.00†	0.000	157.326	6259.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6513.00†	0.000	157.326	6359.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6613.00†	0.000	157.326	6459.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6713.00†	0.000	157.326	6559.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6763.77†	0.000	157.326	6610.00	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	Wasatch
6813.00†	0.000	157.326	6659.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6913.00†	0.000	157.326	6759.23	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	
6963.77	0.000	157.326	6810.00	938.77	-866.21	361.88	40°08'46.330"N	109°40'16.230"W	0.00	TD

Planned Wellpath Report

Three River 4-34-820 PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1529' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 PWB**
Facility	**Sec.04-T8S-R20E**		

HOLE & CASING SECTIONS - Ref Wellbore: Three River 4-34-820 PWB Ref Wellpath: Three River 4-34-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	6963.77	5963.77	1000.00	6810.00	0.00	0.00	-866.21	361.88
5.5in Casing Production	13.00	6963.77	6950.77	13.00	6810.00	0.00	0.00	-866.21	361.88

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three River 4-34-820 Target On Plat 660' FSL & 1980' FEL	4808.77	4655.00	-866.21	361.88	2151611.55	7227205.36	**40°08'46.330"N**	**109°40'16.230"W**	point

Planned Wellpath Report

Three River 4-34-820 PWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1529' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 PWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	157.326	120.00	Base Bravel
1300.02	2.000	157.326	1300.00	BMSW
2824.07	21.732	157.326	2760.00	Green River Top
4240.04	11.375	157.326	4090.00	Mahogany
4808.77	0.000	157.326	4655.00	Garden Gulch
4983.77	0.000	157.326	4830.00	Lower Green River
6763.77	0.000	157.326	6610.00	Wasatch
6963.77	0.000	157.326	6810.00	TD

API Well Number: 43047544220000

AFFIDAVIT OF SURFACE OWNERSHIP

I, *Ned Higgins*, Affiant, being duly sworn, depose and say:

THAT, I am a Senior Landman, for *Ultra Resources, Inc.*, a Wyoming corporation authorized to do business in Utah (hereinafter referred to as "Ultra"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112 and that Ultra operates and manages oil and gas interests in the State of Utah including the lands in Uintah County, Utah described herein below ("Lands"):

See Exhibit "A" attached hereto for a description of the Lands

WHEREAS, UPL Three Rivers Holdings, LLC ("Three Rivers"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112, purchased the surface estate in and to the lands described herein above as reflected in that certain Warranty Deed dated May 1st, 2014 and recorded at Book 1378, Page 940 of the Uintah County Clerk and Recorders Office Official records and;

WHEREAS, Ultra and Three Rivers are both wholly owned subsidiaries of Ultra Petroleum Corp. and Ultra is operating on behalf of Three Rivers;

THEREFORE, Ultra is filing this Affidavit in the Records of Uintah County, Utah to provide notice to the public and all concerned parties so that any inquires or emergencies that may occur which require immediate notification and attention by Ultra should be directed to:

Ultra Resources, Inc.
304 Inverness Way South, Suite 295
Englewood, Colorado 80112
Main Phone: 303-708-9740
Emergency Phone: 1-800-770-9210

FURTHER Affiant sayeth not.

Subscribed and sworn to this the 9th day of May, 2014.

Ned Higgins
Ultra Resources, Inc. - Senior Landman

STATE OF COLORADO)
:ss
COUNTY OF DOUGLAS)

The foregoing Affidavit of Surface Ownership was acknowledged before me by Ned Higgins as Senior Landman of Ultra Resources, Inc., on this 9th day of May, 2014.

WITNESS my hand and official seal.

My Commission Expires:
3/3/15

MARY LYNN BIEGEN
Notary Public
State of Colorado
My Commission Expires March 3, 2015

Mary Lynn Biegen
NOTARY PUBLIC

EXHIBIT A

Description of Lands

Parcel #1
Section 4, Township 8 South, Range 20 East, Salt Lake Meridian:
The East half of the Southeast Quarter of the Northwest Quarter; and the Southwest Quarter of the Northeast Quarter.

Serial No. 09:003:0001

Parcel #2
Beginning at a point which is 20 rods East of center of Section 4, Township 8 South, Range 20 East, Salt Lake Meridian; running thence South 80 rods; thence East 121.29 feet; thence North 238.71 feet; thence East 208.71 feet; thence North 1081.29 feet; thence West 20 rods to the point of beginning.

Serial No. 09:003:0016

Parcel #3
Beginning at the Northwest corner of the Northeast Quarter of the Southwest Quarter of Section 4, Township 8 South, Range 20 East, Salt Lake Base and Meridian and running thence South 80 rods; thence East 100 rods; thence North 80 rods; thence West 100 rods to the point of beginning.

Serial No. 09:003:0005

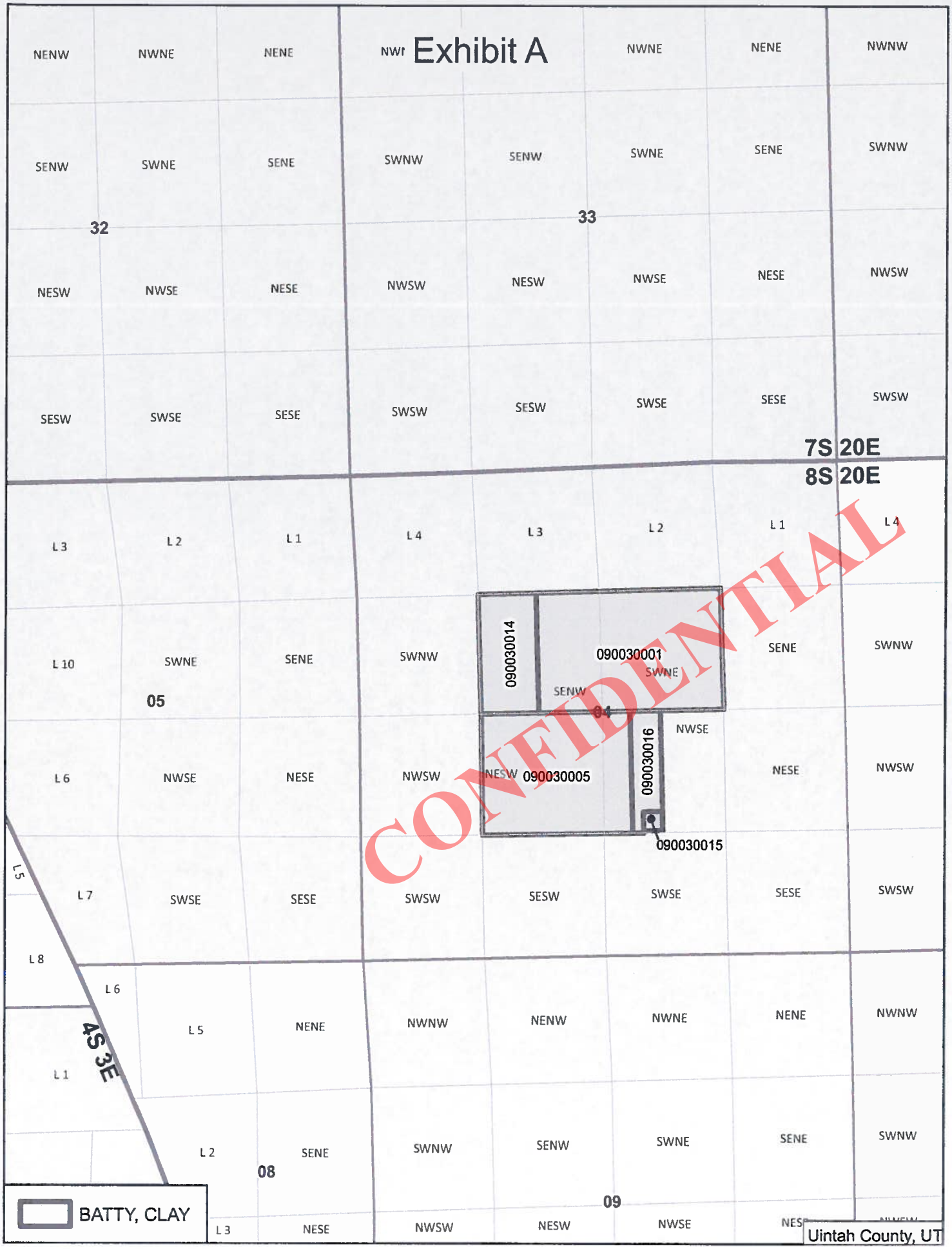
Parcel #4
Section 4, Township 8 South, Range 20 East, Salt Lake Base and Meridian:
The West half of the Southeast Quarter of the Northwest Quarter.

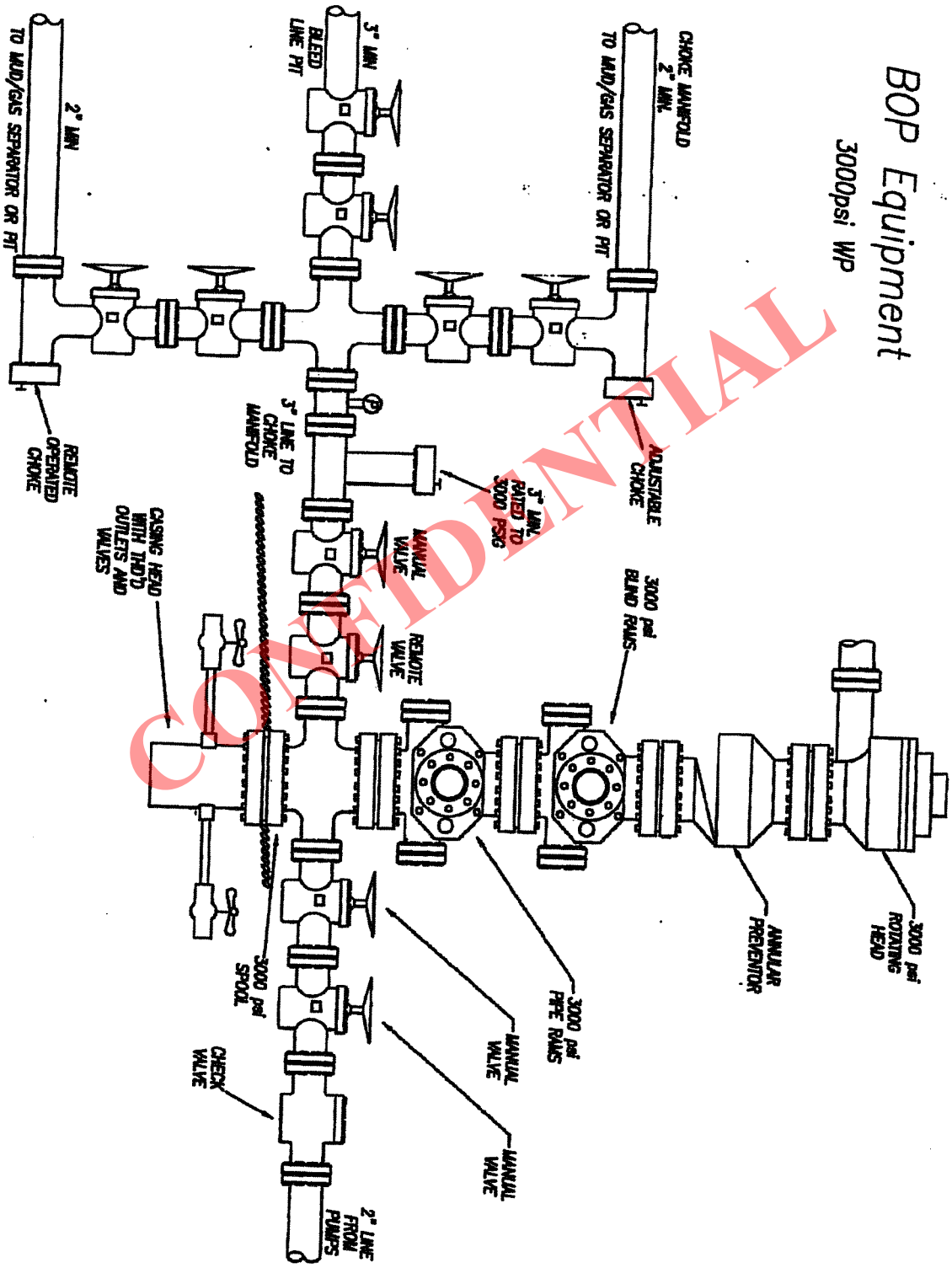
Serial No. 09:003:0014

Parcel #5
Beginning at a point 660 feet East and 30 feet North of the Southwest corner of the Northwest quarter of the Southeast quarter of Section 4, Township 8 South, Range 20 East, Salt Lake Meridian; thence North 208.71 feet; thence West 208.71 feet; thence South 208.71 feet; thence East 208.71 feet to the point of beginning.

Serial No. 09:003:0015

API Well Number: 43047544220000





Ultra Resources, Inc.

March 12, 2014

Mr. Dustin Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, Utah 84116

RE: **Directional Drilling – Docket No. 2013-030 / Cause No. 270-02**
Three Rivers 4-34-820
SHL: 1529' FSL, 2333' FEL, NWSE, Sec 4, T8S, R20E
BHL: 660' FSL, 1980' FEL, SWSE, Sec 4, T8S, R20E
SLB&M, Uintah County, UT

Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- Ultra is the sole owner of 100% of the leasehold rights with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- There are no unleased mineral interests with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- The anticipated points of intersection with the objective (spaced) formation and the anticipated productive interval are within the established setbacks.
- The bottom hole location is within the established setbacks.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra requests the permit be granted pursuant to Cause No. 270-02.

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Debbie Ghani
Sr. Permitting Specialist

304 Inverness Way South, Suite 295, Englewood, CO 80112
Telephone 303-708-9740 Facsimile 303-708-9748

RECEIVED: May 12, 2014

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: SOUTHERLY**

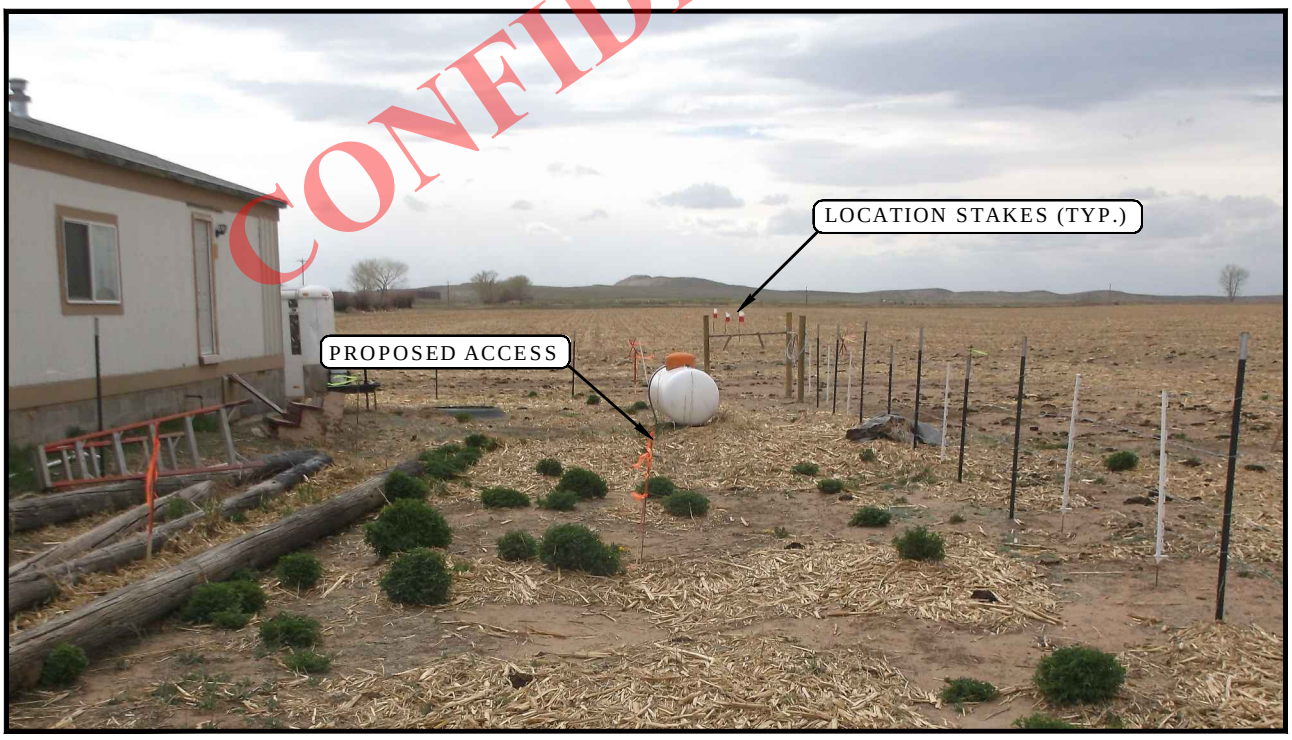


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

ULTRA RESOURCES, INC.

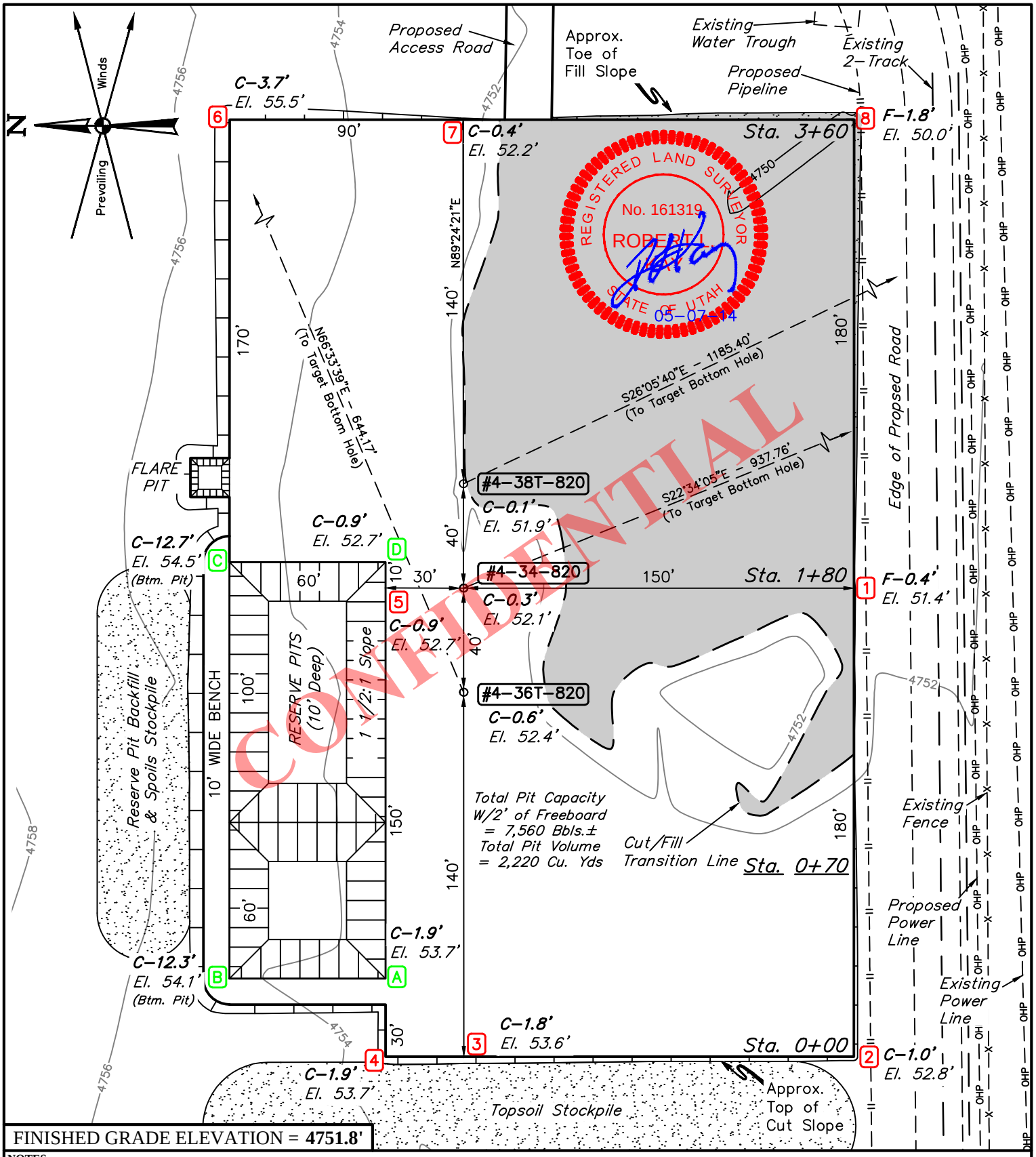
THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
TAKEN BY: B.H.	REV: 00-00-00
LOCATION PHOTOS	**PHOTO**

RECEIVED: May 12, 2014

API Well Number: 43047544220000



FINISHED GRADE ELEVATION = **4751.8'**

NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

ULTRA RESOURCES, INC.

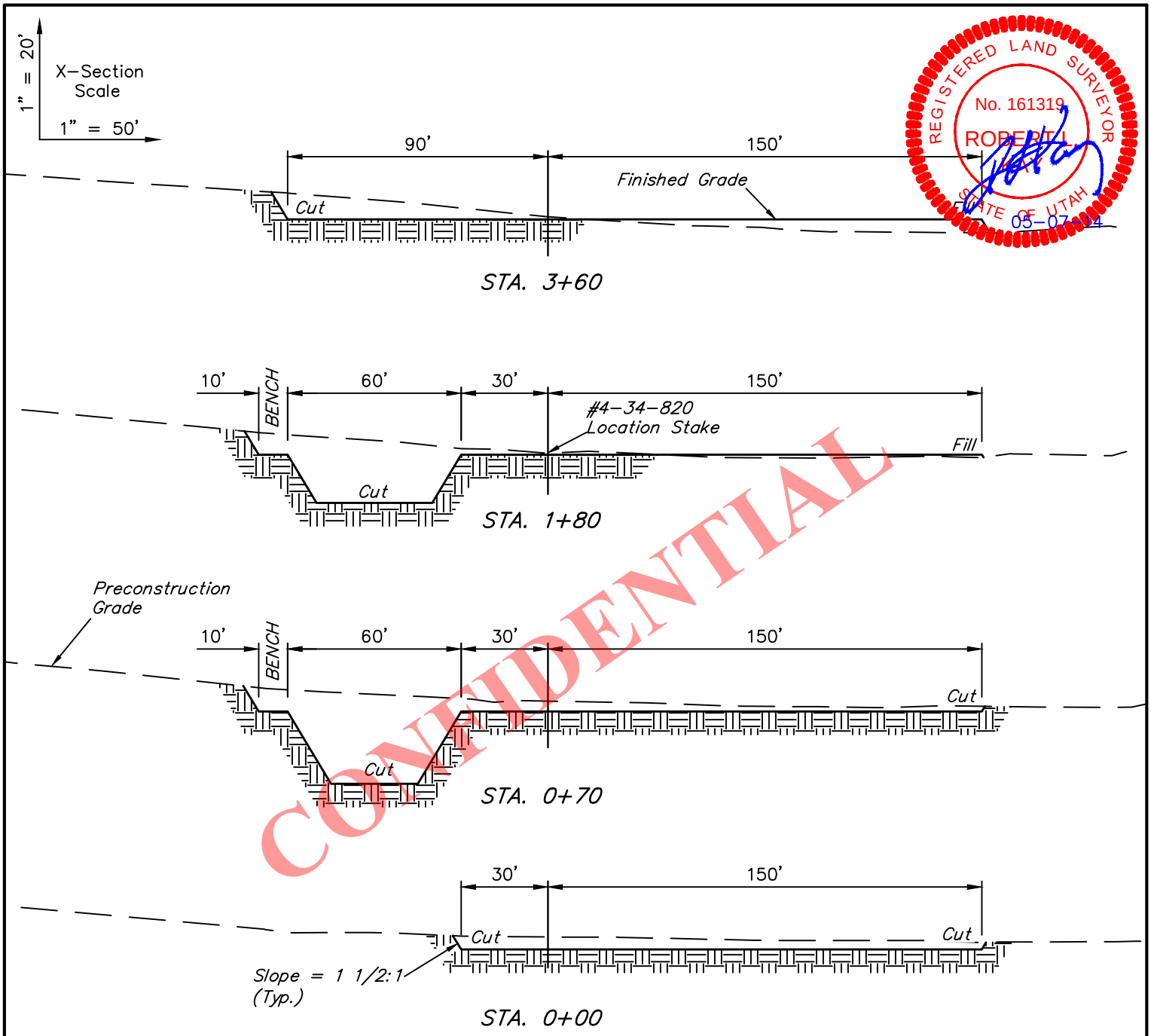
THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B.&M.
NW 1/4 SE 1/4

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: H.W.	SCALE: 1" = 50'
DATE DRAWN: 04-30-14	REVISED: 00-00-00

LOCATION LAYOUT | **FIGURE #1**

RECEIVED: May 12, 2014



REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 05-07-14

APPROXIMATE EARTHWORK QUANTITIES	
(12") TOPSOIL STRIPPING	3,370 Cu. Yds.
REMAINING LOCATION	3,590 Cu. Yds.
TOTAL CUT	**6,960 Cu. Yds.**
FILL	**2,480 Cu. Yds.**
EXCESS MATERIAL	4,480 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	4,480 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	**0 Cu. Yds.**

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	**ACRES**
WELL SITE DISTURBANCE	NA	±3.352
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±103.77'	±0.071
30' WIDE PIPELINE R-O-W DISTURBANCE	±86.63'	±0.060
30' WIDE POWER LINE R-O-W DISTURBANCE	±127.80'	±0.088
TOTAL SURFACE USE AREA	**±318.20'**	**±3.571**

NOTES:

- Fill quantity includes 5% for compaction.
- Calculations based on 12" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B.&M.
NW 1/4 SE 1/4

UINTAH ENGINEERING & LAND SURVEYING

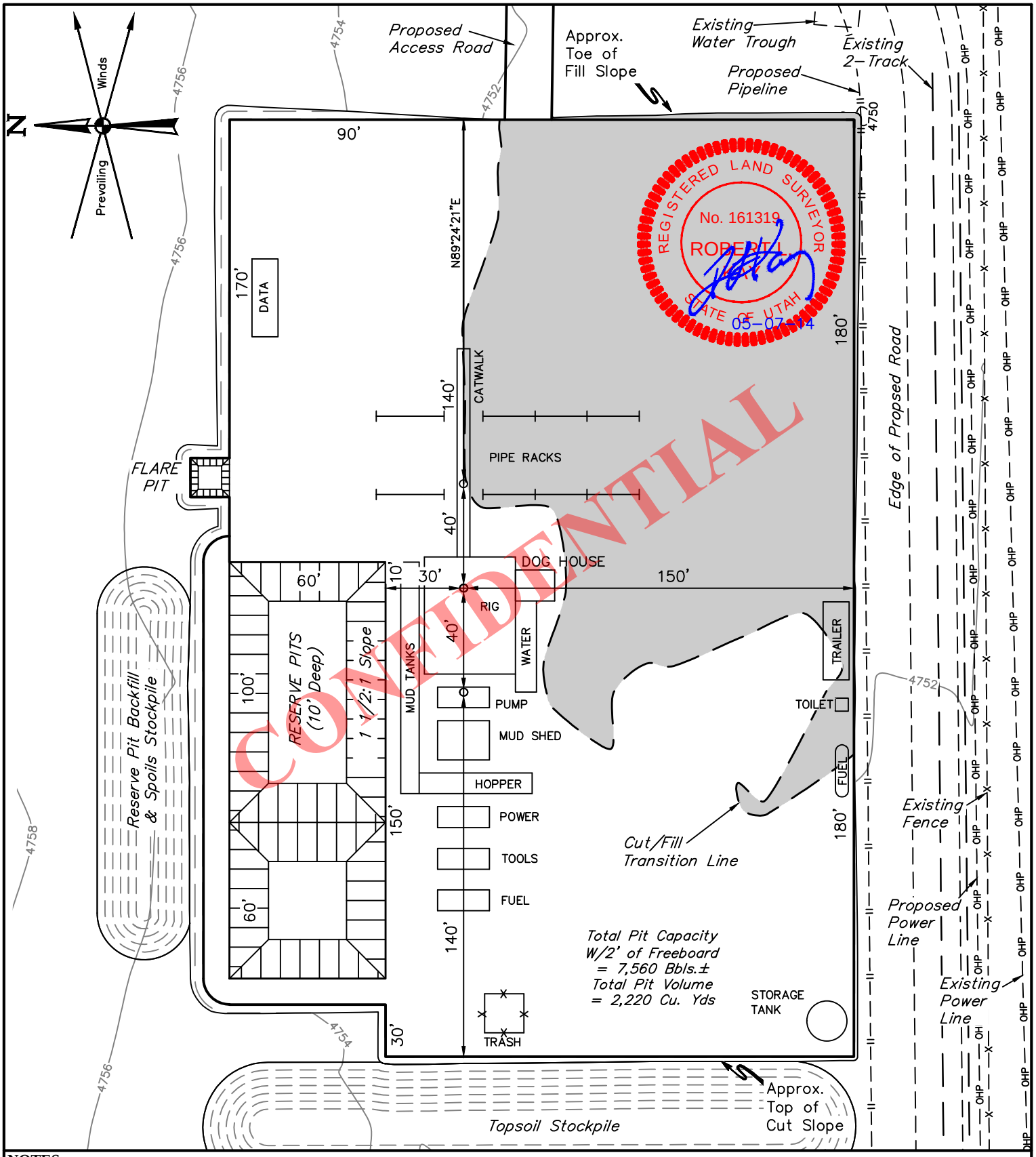
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: H.W.	SCALE: AS SHOWN
DATE DRAWN: 04-30-14	REVISED: 00-00-00

TYPICAL CROSS SECTIONS | **FIGURE #2**

RECEIVED: May 12, 2014

API Well Number: 43047544220000



NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B.&M.
NW 1/4 SE 1/4

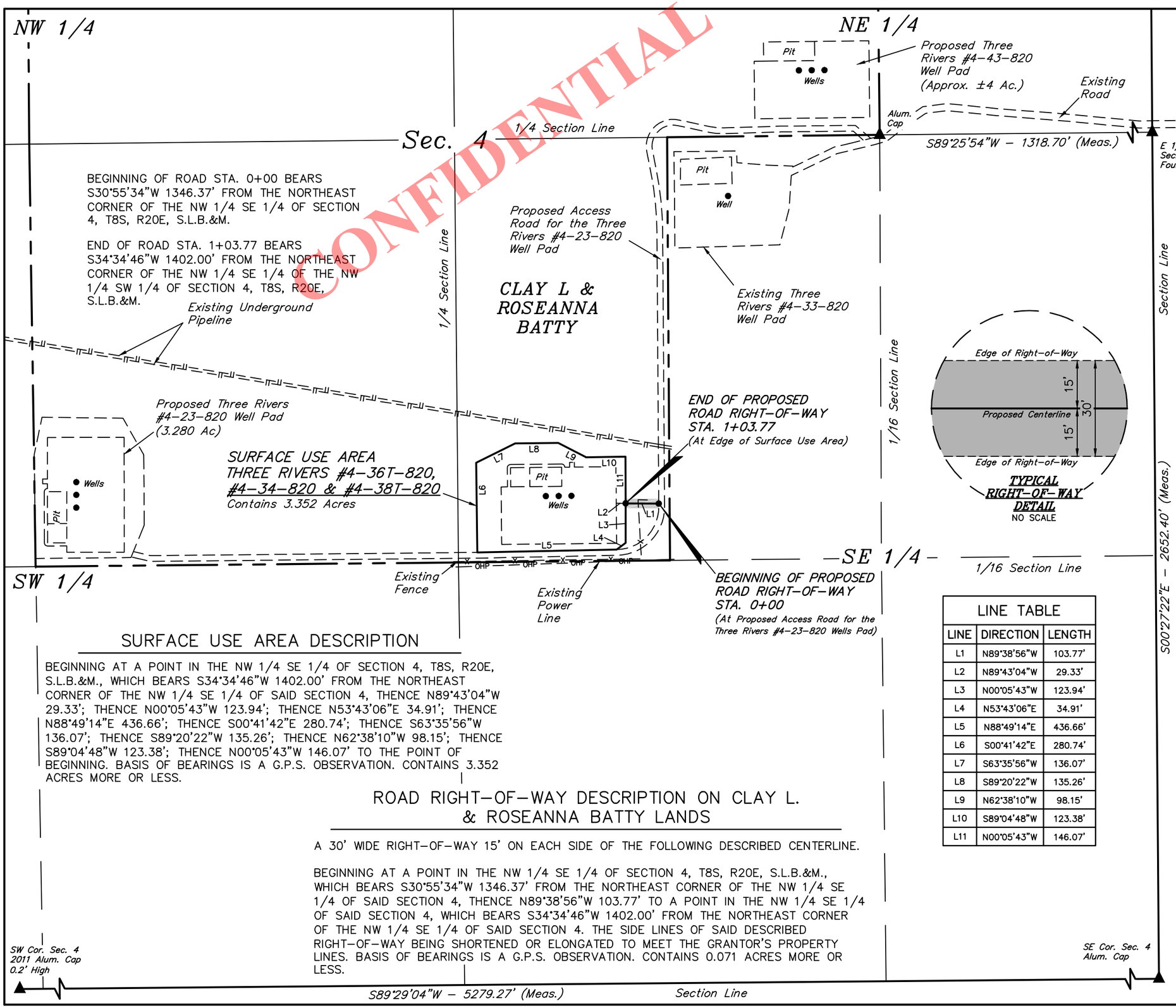
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: H.W.	SCALE: 1" = 50'
DATE DRAWN: 04-30-14	REVISED: 00-00-00

TYPICAL RIG LAYOUT | **FIGURE #3**

RECEIVED: May 12, 2014

API Well Number: 43047544220000



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS S34°34'46"W 1402.00' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4, THENCE N89°43'04"W 29.33'; THENCE N00°05'43"W 123.94'; THENCE N53°43'06"E 34.91'; THENCE N88°49'14"E 436.66'; THENCE S00°41'42"E 280.74'; THENCE S63°35'56"W 136.07'; THENCE S89°20'22"W 135.26'; THENCE N62°38'10"W 98.15'; THENCE S89°04'48"W 123.38'; THENCE N00°05'43"W 146.07' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.352 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION ON CLAY L. & ROSEANNA BATTY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS S30°55'34"W 1346.37' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4, THENCE N89°38'56"W 103.77' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 4, WHICH BEARS S34°34'46"W 1402.00' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.071 ACRES MORE OR LESS.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N89°38'56"W	103.77'
L2	N89°43'04"W	29.33'
L3	N00°05'43"W	123.94'
L4	N53°43'06"E	34.91'
L5	N88°49'14"E	436.66'
L6	S00°41'42"E	280.74'
L7	S63°35'56"W	136.07'
L8	S89°20'22"W	135.26'
L9	N62°38'10"W	98.15'
L10	S89°04'48"W	123.38'
L11	N00°05'43"W	146.07'

ULTRA RESOURCES, INC.

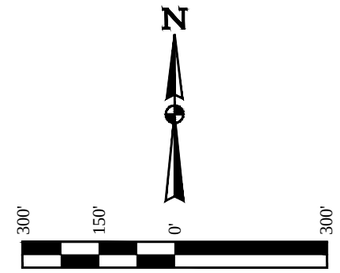
LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(FOR THREE RIVERS #4-36T-820, #4-34-820, & #4-38T-820)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION



LEGEND:

P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	103.77	0.071	6.29

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UINTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

05-07-14

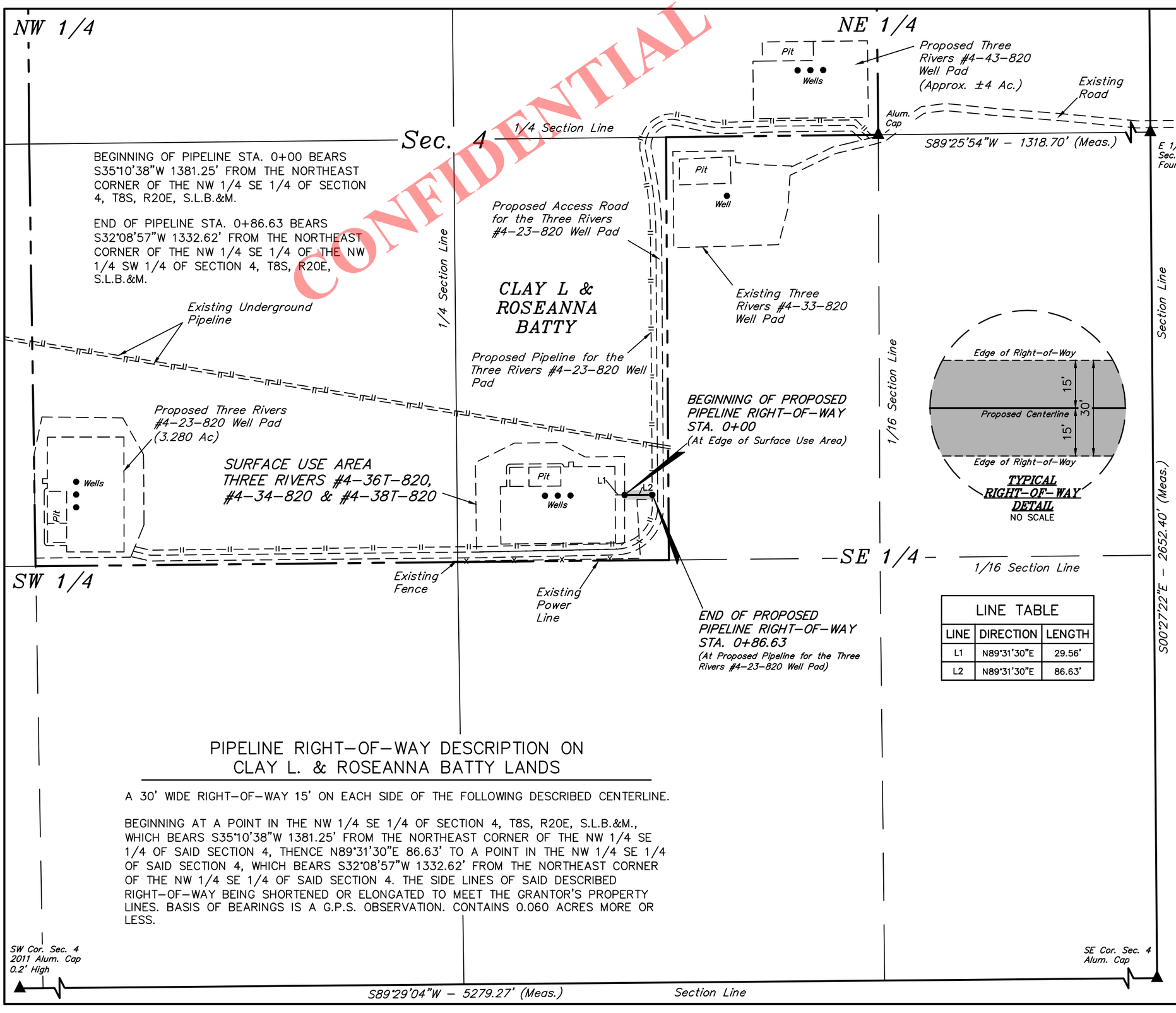
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: M.P. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: **5 6 5 4 5**	DATE: 05-01-14

ACCESS ROAD RIGHT-OF-WAY PLAT

RECEIVED: May 12, 2014

API Well Number: 43047544220000



PIPELINE RIGHT-OF-WAY DESCRIPTION ON CLAY L. & ROSEANNA BATTY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS S35°10'38"W 1381.25' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4, THENCE N89°31'30"E 86.63' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 4, WHICH BEARS S32°08'57"W 1332.62' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.060 ACRES MORE OR LESS.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°31'30"E	29.56'
L2	N89°31'30"E	86.63'

ULTRA RESOURCES, INC.

PIPELINE RIGHT-OF-WAY ON FEE LANDS

(FOR THREE RIVERS #4-36T-820, #4-34-820, & #4-38T-820)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

LEGEND:
P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	86.63	0.060	5.25

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UINTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

CERTIFICATE:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR — ROBERT L. KAY — STATE OF UTAH — 05-07-14

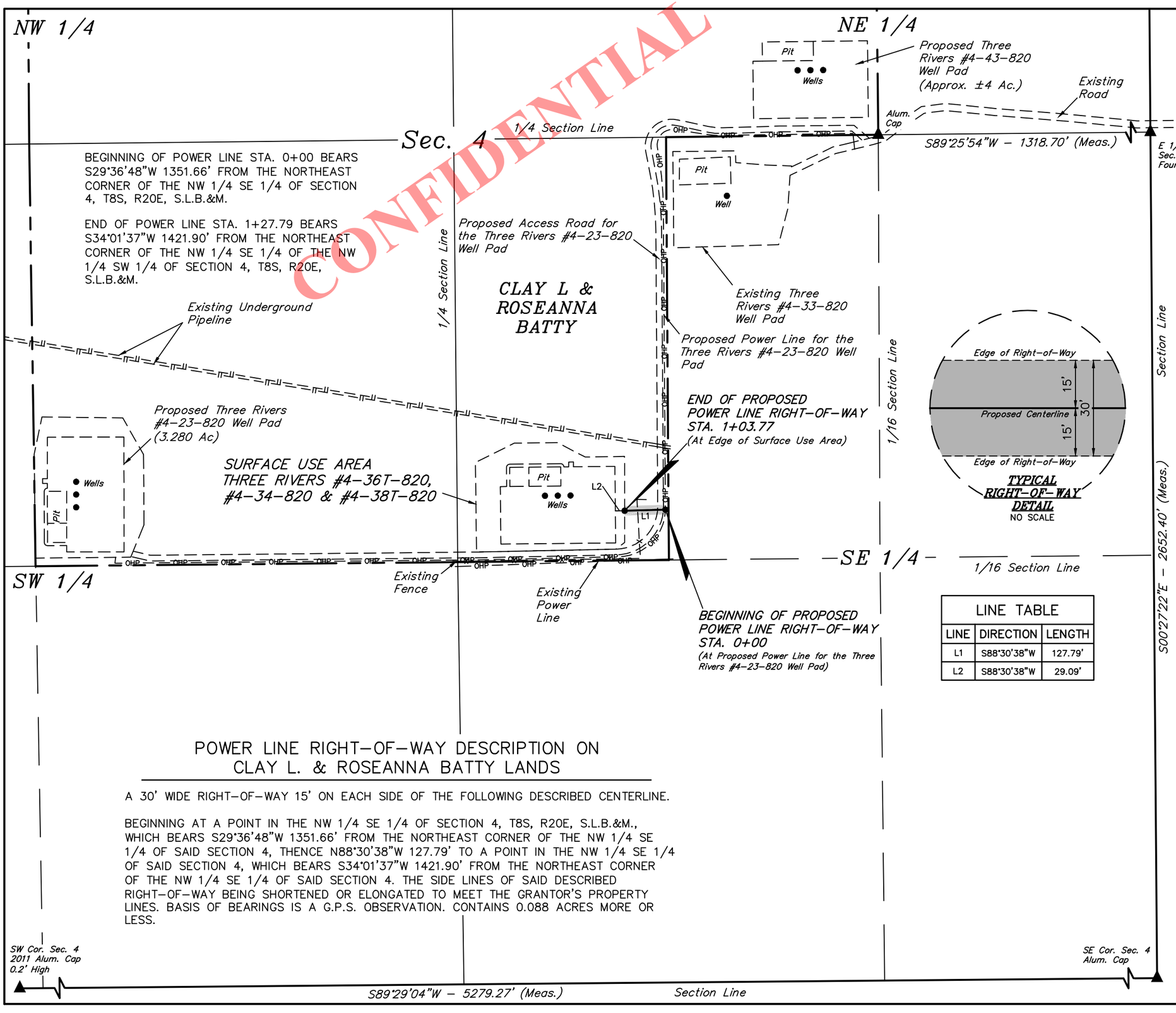
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: M.P. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: **5 6 5 4 7**	DATE: 05-01-14

PIPELINE RIGHT-OF-WAY PLAT

RECEIVED: May 12, 2014

API Well Number: 43047544220000



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S88°30'38"W	127.79'
L2	S88°30'38"W	29.09'

POWER LINE RIGHT-OF-WAY DESCRIPTION ON CLAY L. & ROSEANNA BATTY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS S29°36'48"W 1351.66' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4, THENCE N88°30'38"W 127.79' TO A POINT IN THE NW 1/4 SE 1/4 OF SAID SECTION 4, WHICH BEARS S34°01'37"W 1421.90' FROM THE NORTHEAST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.088 ACRES MORE OR LESS.

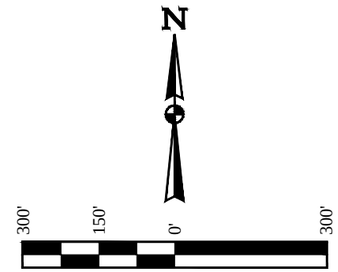
ULTRA RESOURCES, INC.

POWER LINE RIGHT-OF-WAY ON FEE LANDS

(FOR THREE RIVERS #4-36T-820, #4-34-820, & #4-38T-820)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION



LEGEND:
P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	127.79	0.088	7.74

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UINTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

CERTIFICATE

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REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: M.P. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: **5 6 5 4 6**	DATE: 05-01-14

POWER LINE RIGHT-OF-WAY PLAT

RECEIVED: May 12, 2014

PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; EXIT LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 12.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE THREE RIVERS #4-23-820 WELL PAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1,875' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 133' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.8 MILES.

ULTRA RESOURCES, INC.

THREE RIVERS #4-36T-820, #4-34-820 & #4-38T-820
SECTION 4, T8S, R20E, S.L.B&M.
NW 1/4 SE 1/4

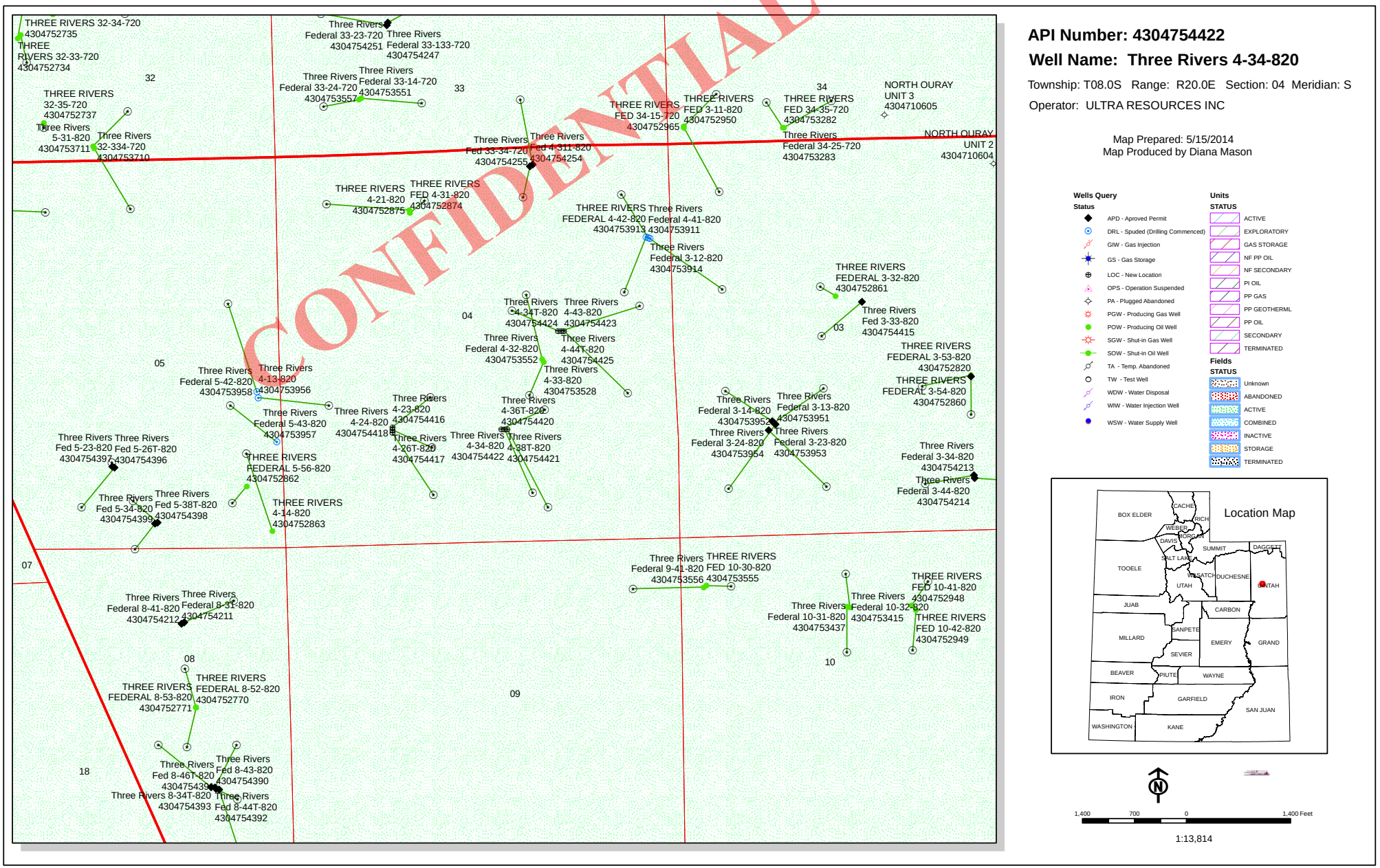
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
	REV: 00-00-00

ROAD DESCRIPTION

RECEIVED: May 12, 2014

API Well Number: 43047544220000



API Number: 4304754422

Well Name: Three Rivers 4-34-820

Township: T08.0S Range: R20.0E Section: 04 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 5/15/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,400 700 0 1,400 Feet

1:13,814

RECEIVED: May 15, 2014

API Well Number: 43047544220000

BOPE REVIEW ULTRA RESOURCES INC Three Rivers 4-34-820 43047544220000

Well Name	ULTRA RESOURCES INC Three Rivers 4-34-820 43047544220000			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	6810		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.8	10.0		
BOPE Proposed (psi)	500	3000		
Casing Internal Yield (psi)	2950	5320		
Operators Max Anticipated Pressure (psi)	3500	9.9		

Calculations	SURF String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	458		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES	diverter with rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO	OK
Required Casing/BOPE Test Pressure=		1000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi	*Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	3541		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2724	YES	3M BOP, dbl ram, annular with diverter and rotating
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2043	YES	head
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2263	NO	OK
Required Casing/BOPE Test Pressure=		3000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi	*Assumes 1psi/ft frac gradient

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi	*Assumes 1psi/ft frac gradient

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi	*Assumes 1psi/ft frac gradient

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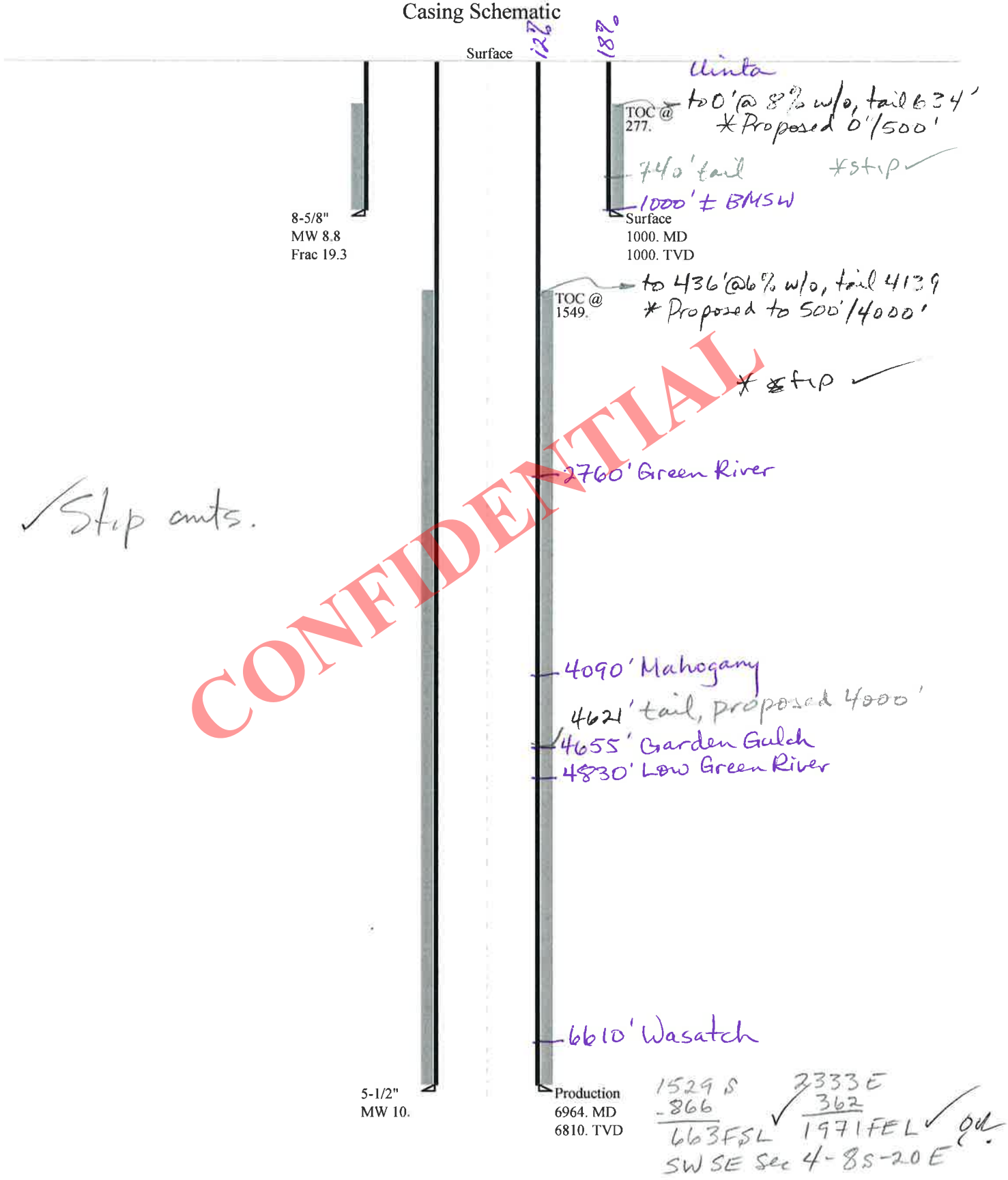
API Well Number: 43047544220000

43047544220000 Three Rivers 4-34-820

Casing Schematic



API Well Number: 43047544220000

Well name:	**43047544220000 Three Rivers 4-34-820**
Operator:	**ULTRA RESOURCES INC**
String type:	Surface
Project ID:	43-047-54422
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi
Annular backup: 1.50 ppg

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 868 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 277 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,810 ft
Next mud weight: 10.000 ppg
Next setting BHP: 3,538 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5148

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1370	2.997	922	2950	3.20	20.8	244	11.71 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 10,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047544220000

Well name:	**43047544220000 Three Rivers 4-34-820**
Operator:	**ULTRA RESOURCES INC**
String type:	Production
Project ID:	43-047-54422
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,040 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,538 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on buoyed weight.
Neutral point: 5,931 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 169 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,549 ft

Directional Info - Build & Drop
Kick-off point 1200 ft
Departure at shoe: 939 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6964	5.5	17.00	J-55	LT&C	6810	6964	4.767	26980

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3538	4910	1.388	3538	5320	1.50	98.2	247	2.51 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 10,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6810 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator ULTRA RESOURCES INC
Well Name Three Rivers 4-34-820
API Number 43047544220000 **APD No** 9697 **Field/Unit** THREE RIVERS
Location: 1/4,1/4 NWSE **Sec** 4 **Tw** 8.0S **Rng** 20.0E 1529 FSL 2333 FEL
GPS Coord (UTM) 613076 4445093 **Surface Owner** UPL Three Rivers Holdings, LLC

Participants

John Busch (ULTRA), Jim Burns (permit contractor), Martin Pierce (surveyor), Richard Powell (UDOGM)

Regional/Local Setting & Topography

This proposed well site is in the farmland surrounding Pelican Lake. Pelican Lake sits at the bottom of a sort of large shallow bowl. Immediately around the lake lies mostly irrigated crop land. Most of the farm fields are watered with large circular pivot irrigation systems and the wells scattered throughout these farm fields are generally placed in the corners of these fields out of reach of the irrigation sprinklers on land that is usually abandoned from farming operations. Such is the case with this proposed 3 well site approximately 2.5 miles south of Pelican Lake and .5 mile west of Highway 88.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.02	**Width** 240 **Length** 360	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
kocia weed, corn stocks

Soil Type and Characteristics
Sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

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API Well Number: 43047544220000

Berm Required? Y
permeable soil

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	60 1 Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 150ft x 60ft x 10ft deep and is to be placed in a cut stable location. This pit will require a 20 mil liner and felt subliner. The soil is very permeable and the pit will be used for three wells.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?** Y

Other Observations / Comments

Richard Powell	7/1/2014
Evaluator	**Date / Time**

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Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9697	43047544220000	LOCKED	OW	P	No

Operator	ULTRA RESOURCES INC	**Surface Owner-APD**	UPL Three Rivers Holdings, LLC
Well Name	Three Rivers 4-34-820	**Unit**	
Field	THREE RIVERS	**Type of Work**	DRILL
Location	NWSE 4 8S 20E S 1529 FSL 2333 FEL GPS Coord (UTM) 613083E 4445094N		

Geologic Statement of Basis

Ultra proposes to set 1,000 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 1,000 feet. A search of Division of Water Rights records shows 6 water wells within a 10,000 foot radius of the center of Section 4. The wells range indepth from 70 to 150 feet with no depth being listed for 1 well. Listed uses are irrigation, domestic, stock watering and oil exploration. The surface formation at this site is the Uinta Formation and alluvium derived from the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill — **APD Evaluator**

7/8/2014 — **Date / Time**

Surface Statement of Basis

This proposed three well pad is on fee surface with fee minerals. The surface owner is UPL Three Rivers Holdings which is also the operator of the proposed wells. John Busch acted as representative of both Ultra Resources and UPL Three Rivers Holdings at this onsite inspection. This proposed pad sits in a corner of a large irrigated farm field about 2.5 miles south of Pelican Lake. As placed the well site does not interfere with the irrigation system or current farming operations. The site is quite flat with a gentle east slope. The soil here is quite permeable and a berm will be required around the location. A reserve pit will be built and will require a minimum 20 mil liner and felt subliner. According to Mr. John Busch, Ultra uses a 20 mil liner for as general practice. This appears to be a good site for placement of this well.

Richard Powell — **Onsite Evaluator**

7/1/2014 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

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Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: July 17, 2014

API Well Number: 43047544220000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/12/2014 **API NO. ASSIGNED:** 43047544220000

WELL NAME: Three Rivers 4-34-820

OPERATOR: ULTRA RESOURCES INC (N4045) **PHONE NUMBER:** 303 645-9872

CONTACT: Katherine Skinner

PROPOSED LOCATION: NWSE 04 080S 200E **Permit Tech Review:** ✔

SURFACE: 1529 FSL 2333 FEL **Engineering Review:** ✔

BOTTOM: 0660 FSL 1980 FEL **Geology Review:** ✔

COUNTY: UINTAH

LATITUDE: 40.14859 **LONGITUDE:** -109.67235

UTM SURF EASTINGS: 613083.00 **NORTHINGS:** 4445094.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE - 022046398
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 49-2262
- ☐ **RDCC Review:**
- ✔ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ✔ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 270-02

Effective Date: 11/9/2013

Siting: 2 Wells Per 40 Acres

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
15 - Directional - dmason
25 - Surface Casing - ddoucet

RECEIVED: July 17, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Three Rivers 4-34-820
API Well Number: 43047544220000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 7/17/2014

Issued to:
ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 500' MD and tail cement to 4000' as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface. If water flows are encountered in the drilling of the surface casing or production casing the 11.5 ppg and 11.0 ppg cements will not be allowed. A cement of adequate density and strength will need to be pumped to ensure proper isolation.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or

plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Three Rivers 4-34-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047544220000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9810 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1529 FSL 2333 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 04 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 8/10/2014	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ultra Resources will be moving ProPetro to spud the Three Rivers 4-34-820 (API #43-047-54422) on 8/10/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 11, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant
SIGNATURE		**DATE**
N/A		8/11/2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Three Rivers 4-34-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047544220000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9810 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1529 FSL 2333 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 04 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/28/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

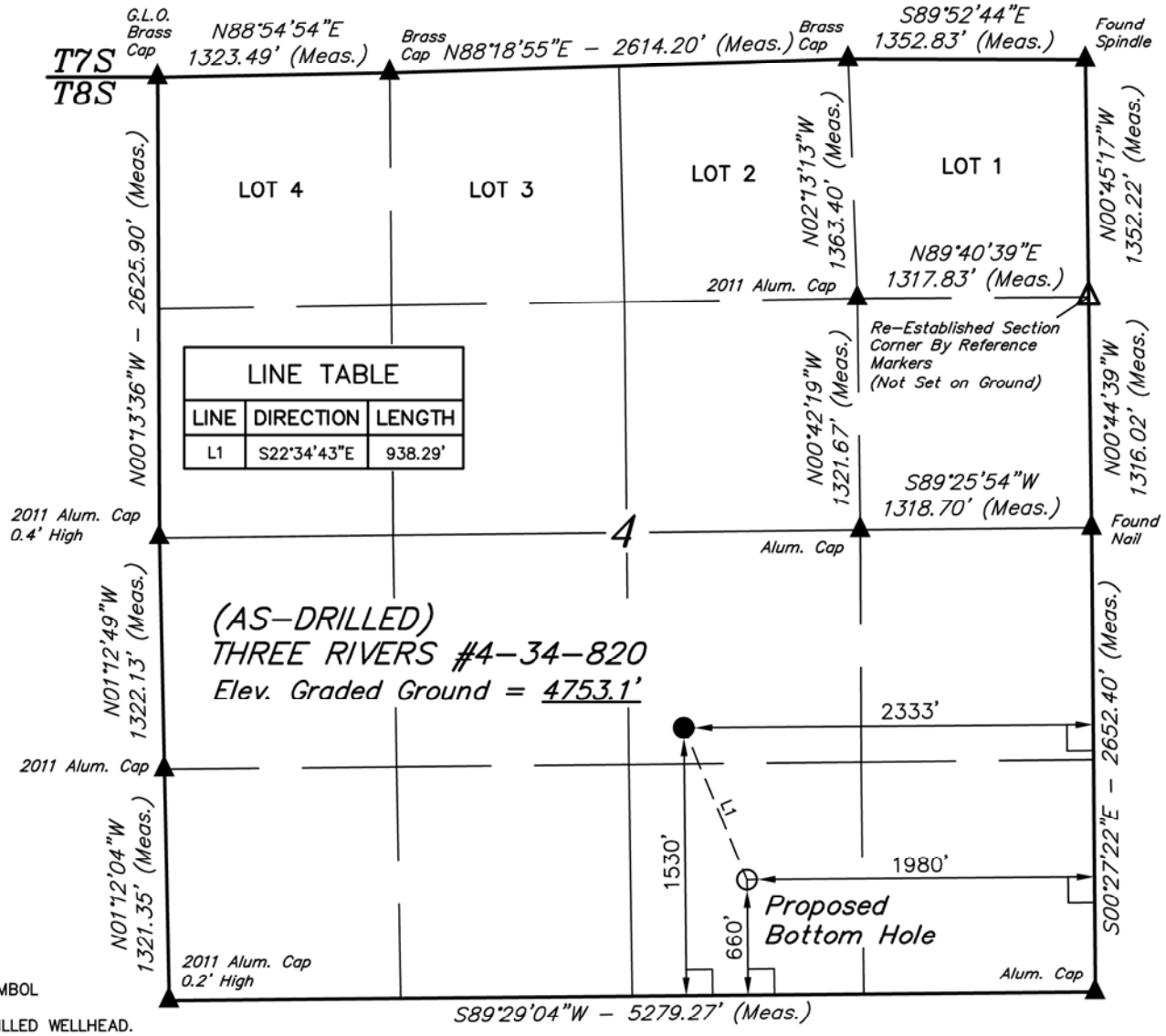
Ultra requests to change the SHL per attached As-Drilled plat. The well was moved 1 foot from the reserve pit to accommodate our Ensign 122 rig.

Approved by the
Utah Division of
Oil, Gas and Mining
August 28, 2014
Date:
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Katherine Skinner	303 645-9872	Permitting Assistant
SIGNATURE		**DATE**
N/A		8/21/2014

RECEIVED: Aug. 21, 2014

T8S, R20E, S.L.B.&M.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S22°34'43"E	938.29'

LEGEND:

- = 90° SYMBOL
- ● = AS-DRILLED WELLHEAD.
- ○ = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

1000' 500' 0' 1000'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

08-18-14

NAD 83 (PROPOSED BOTTOM HOLE)	NAD 83 (AS-DRILLED SURFACE LOCATION)
LATITUDE = 40°08'46.33" (40.146203)	LATITUDE = 40°08'54.89" (40.148581)
LONGITUDE = 109°40'16.26" (109.671183)	LONGITUDE = 109°40'20.89" (109.672469)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OSERVATION

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

UINTAH ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

N

ULTRA RESOURCES, INC.

(AS-DRILLED) THREE RIVERS #4-34-820
NW 1/4 SE 1/4, SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

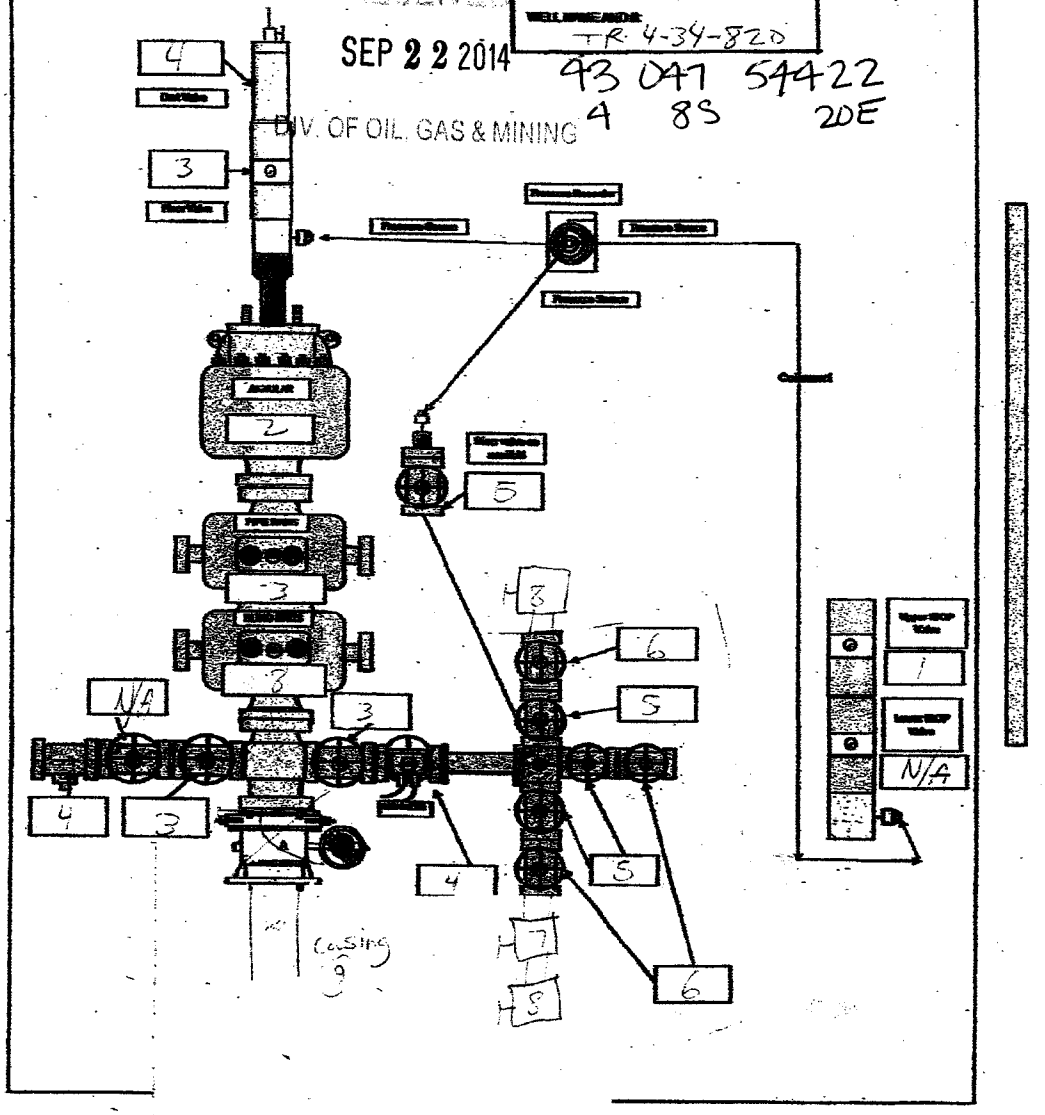
SURVEYED BY: M.P. D.L.	SCALE: 1"=1000'	DRAWN BY: H.W.
DATE: 08-11-14		DATE: 08-15-14

WELL LOCATION PLAT

3000psi - 5000psi system

DATE:	9-15/9-16-2014
COMPANY:	Ultra Res
CONTRACTOR:	Ensign 122
WELL NAME AND NO.:	TR 4-34-820

43 047 54422
4 8S 20E



DATE: 7-16-2014 **ACCUMULATOR FUNCTION TEST**

WELL: TR 4-34-820

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. *Make sure all rams and annular are open and if applicable HCR is closed*
2. *Ensure accumulator is pumped up to working pressure! (Shut off all pumps)*
3. *Open HCR valve. (If applicable)*
4. *Close annular.*
5. *Close all pipe rams.*
6. *Open one set of pipe rams to simulate closing the blind rams.*
7. *If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for 5M and greater systems.*
8. *Accumulator pressure should be 200 psi over precharge pressure (Accumulator working pressure (1,500 psi = 750 desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).*

9. **RECORD THE REMAINING PRESSURE** 1450 **PSI**

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. *Open the HCR valve. (If applicable)*
2. *Close annular.*
3. *With pumps only, time how long it takes to re- gain manifold presssure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).*

4. **RECORD ELAPSED TIME** 56 sec **PSI (2 minutes or less)**

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. *Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.*
2. *With power to pumps shut off open bleed line to tank.*
3. *Watch and record where the pressure drops (Accumulator psi).*

4. **RECORD THE PRESSURE DROP** 900 **PSI**

If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a guage.

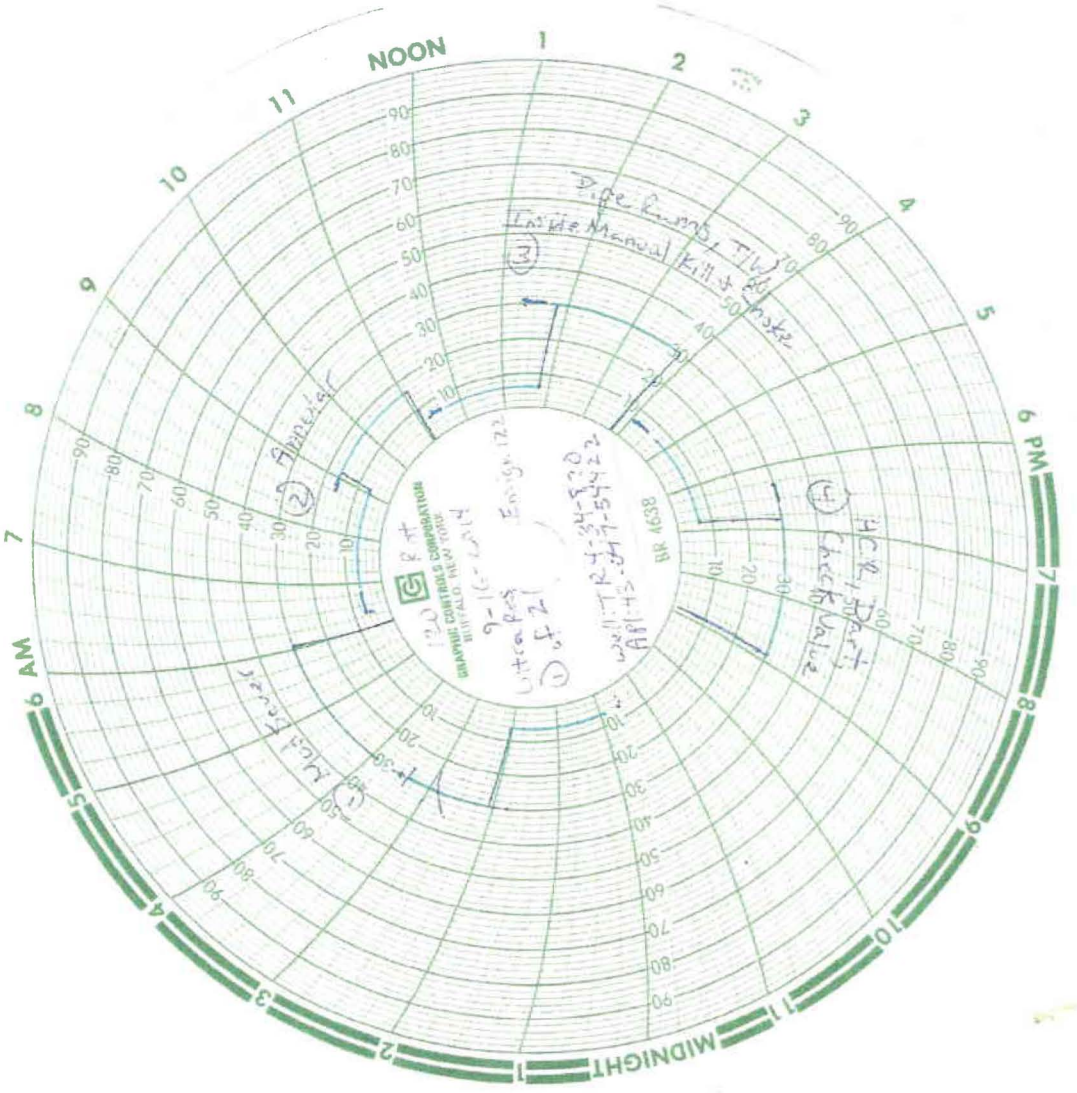
DATE 9-15/9-16-14 COMPANY: Ultra Rig: Ensign 122 WELL NAME & #: TR 4-34-820

Time	Test No.		Result
7:38 AM ☐PM☒	1	Mud Saver	Pass ☒Fail ☐
9:05 AM ☐PM☒	2	Annular	Pass ☒Fail ☐
9:33 AM ☐PM☒	3	Pipe Rams, Inside Manual Kill & Choke Valves, TIW	Pass ☒Fail ☐
0:02 AM ☐PM☒	4	HCR, Check Valve, Dart	Pass ☒Fail ☐
0:32 AM ☐PM☒	5	Inside Manifold Valves, Riser	Pass ☒Fail ☐
1:00 AM ☐PM☒	6	Outside Manifold Valves	Pass ☒Fail ☐
11:26 AM ☐PM☒	7	Super Choke	Pass ☒Fail ☐
11:46 AM ☐PM☒	8	Blind Rams, Downstream Manifold Valves	Pass ☒Fail ☐
2:29 AM ☐PM☒	9	Casing	Pass ☒Fail ☐
AM ☐PM☐	10		Pass ☐Fail ☐
AM ☐PM☐	11		Pass ☐Fail ☐
AM ☐PM☐	12		Pass ☐Fail ☐
AM ☐PM☐	13		Pass ☐Fail ☐
AM ☐PM☐	14		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐
AM ☐PM☐	Retest		Pass ☐Fail ☐

Acc. Tank Size (inches): W D L) ÷ 231= gal

Rock Springs, WY (307) 382-3350

BOP TESTING, CASING TESTING, LEAK OFF TESTING, & INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE


NOON
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MIDNIGHT
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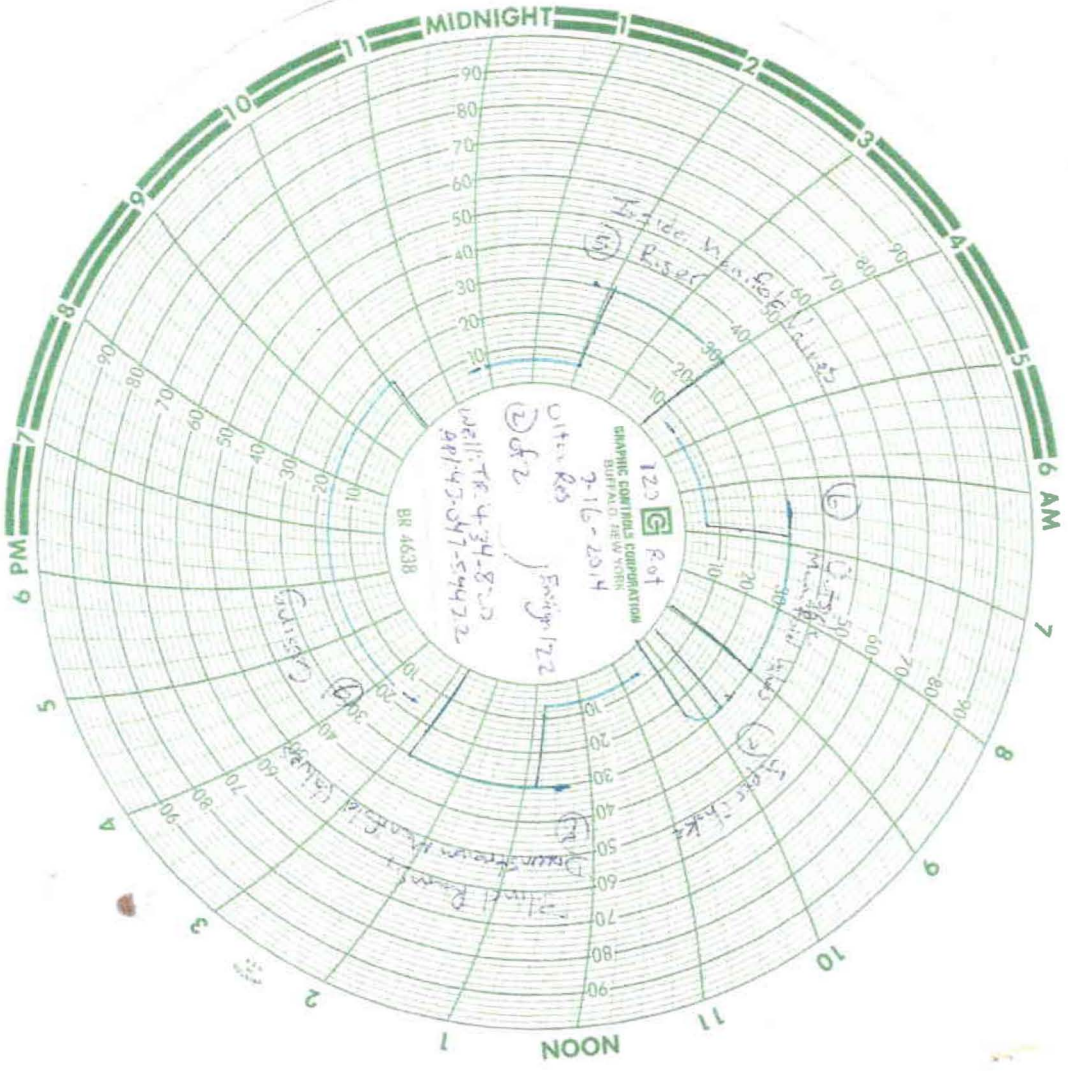
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
BR 4638


MIDNIGHT
6 AM
NOON
6 PM
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
BB 4638

684

WALKER INSPECTION,LLC.
REBEL TESTING · EAGER BEAVER TESTERS
WYOMING · COLORADO · NORTH DAKOTA

Daily JSA/Observation Report

OPERATOR: Ultra Res DATE: 9-15-2014

LOCATION: TR 4-34-320 CONTRACTOR: Ensign 122

EMPLOYEE NAME: Dustin Redwood

[ ] High Pressure Testing

[ ] Working Below Platform

[ ] Requires PPE

[ ] Overhead Work is Occurring

[ ] Fill in if: Confined Spaces are Involved

[ ] Fill in if: Set up of Containment

[ ] Using Rig Hoist to Lift Tools

[ ] Fill in if: Other:

COMMENTS: Worked well together, and that made us safe.

SIGNATURE: DATE: 9-15-2014

WALKER INSPECTION, LLC. AND AFFILIATES ATTENDANCE:

Observation Report

EMPLOYEE REPORTING: Dustin Redwood SIGNATURE:

Was job set up and performed correctly and to best of companies ability? (Y) / N

Was all safety equipment used correctly by all involved? (Y) / N

Any incidents or near misses to report about WI? Y / (N)

Any incidents or near misses to report in general? Y / (N)

Any spills or environemental issues to report? Y / (N)

Basic Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Three Rivers 4-34-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047544220000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9809 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1529 FSL 2333 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 04 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 10/12/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☑ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

First Production occurred on the TR4-34-820 on 10/12/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 14, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant
SIGNATURE		**DATE**
N/A		10/13/2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Three Rivers 4-34-820

2. NAME OF OPERATOR:
ULTRA RESOURCES INC

9. API NUMBER:
43047544220000

3. ADDRESS OF OPERATOR:
304 Inverness Way South #295 , Englewood, CO, 80112

PHONE NUMBER:
303 645-9809 Ext

9. FIELD and POOL or WILDCAT:
THREE RIVERS

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1529 FSL 2333 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 04 Township: 08.0S Range: 20.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 10/10/2014	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Monthly status report of drilling and completion attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 14, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jenna Anderson	303 645-9804	Permitting Assistant
SIGNATURE		**DATE**
N/A		10/10/2014

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/25/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JARED MEJORADO **PHONE#** 713-948-9196 **CONTRACTOR** Other
TD AT REPORT 1,043' **FOOTAGE** 924' **PRATE** **CUM. DRLG. HRS** **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** Drilling at 1,043' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 8 5/8 **NEXT CASING DEPTH** 1,043 **SSE** **SSED**

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	17,374	17,374	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	17,374	17,374	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/26/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JARED MEJORADO **PHONE#** 713-948-9196 **CONTRACTOR** Other
TD AT REPORT 1,043' **FOOTAGE** 924' **PRATE** 102.7 **CUM. DRLG. HRS** 9.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** Drilling at 1,043' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 8 5/8 **NEXT CASING DEPTH** 1,043 **SSE** **SSED**

TIME BREAKDOWN

CASING & CEMENT	4.00	COND MUD & CIRCULATE	0.50	DRILLING	9.00
RIG REPAIRS	5.00	RIG UP / TEAR DOWN	2.50	TRIPPING	1.00

DETAILS

Start	End	Hrs	
09:30	10:00	00:30	MOVE RIG ON LOCATION & RIG UP
10:00	19:00	09:00	DRILL FROM 119' TO 1043'
19:00	19:30	00:30	CIRCULATE HOLE CLEAN
19:30	20:30	01:00	TRIP OUT OF HOLE FROM 1043' TO 0'
20:30	01:30	05:00	WAIT ON PARTS FOR BLOWN HOSE ON TOPDRIVE - REPLACE HOSE
01:30	04:00	02:30	23JTS 8 5/8 24# J-55 CSG W/ SHOE + SHOE JT & FLOAT COLLAR ALL THREADLOCKED - CENTRALIZE FIRST 4 JOINTS THEN EVERY FOURTH TO SURFACE
04:00	05:30	01:30	PRESSURE TEST LINES TO 3000PSI - PUMP 20BBLS FRESH WATER - PUMP 20BBLS WATER+GEL - PUMP 138.2BBLS 15.8 CEMENT 1.15 YIELD (675 SXS)5 GAL/SX MIX WATER - DISPLACE 61BBLS FRESH WATER - LAND PLUG W/ 480PSI+500 OVER FOR 1MIN - FLOATS HELD - BLEED BACK 1BBL TO TRUCK - GOOD RETURNS THROUGHOUT JOB - 32BBLS CEMENT TO SURFACE.
05:30	07:30	02:00	RIG DOWN & MOVE RIG

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,500.0	1,500.0		0.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,374	20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		17,374	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/27/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JARED MEJORADO **PHONE#** 713-948-9196 **CONTRACTOR** Other
TD AT REPORT (no data) **FOOTAGE** **PRATE** **CUM. DRLG. HRS** 9.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** (nothing recorded) **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** **NEXT CASING DEPTH** **SSE** **SSED**

TIME BREAKDOWN
RIG UP / TEAR DOWN 2.00

DETAILS

Start	End	Hrs	
05:30	07:30	02:00	RIG DOWN & MOVE RIG

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

CASING EQUIPMENT
RUN 23JTS 8 5/8 24# J-55 CSG W/ SHOE + SHOE JT & FLOAT COLLAR THREAD LOCKED - CENTRALIZE FIRST FOUR JOINTS & THEN EVERY FOURTH TO SURFACE

CEMENT JOB SUMMARY
PRESSURE TEST LINES TO 3000PSI - PUMP 20BBLS FRESH WATER - PUMP 20BBLS WATER+GEL - PUMP 138.2BBLS 15.8 CEMENT 1.15 YIELD (675 SXS)5 GAL/SX MIX WATER - DISPLACE 61BBLS FRESH WATER - LAND PLUG W/ 480PSI+500 OVER FOR 1MIN - FLOATS HELD - BLEED BACK 1BBL TO TRUCK - GOOD RETURNS THROUGHOUT JOB - 32BBLS CEMENT TO SURFACE.

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	29,864	29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	210	210	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	30,176	30,176	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	1,246	1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,557	18,931	20,000
8100..605: Cementing Work	19,692	19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	9,102	9,102		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	91,846	109,220	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/14/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JARED MEJORADO **PHONE#** 713-948-9196 **CONTRACTOR** Other
TD AT REPORT (no data) **FOOTAGE** **PRATE** **CUM. DRLG. HRS** 9.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** (nothing recorded) **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** **NEXT CASING DEPTH** **SSE** **SSED**

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:	**Date Set**	**Size**	**Grade**	**Weight**	**Depth**	**FIT Depth**	**FIT ppg**
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	**DAILY**	**CUM**	**AFE**		**DAILY**	**CUM**	**AFE**
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		210	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		30,176	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		9,102		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		109,220	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/15/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JARED MEJORADO **PHONE#** 713-948-9196 **CONTRACTOR** Other
TD AT REPORT 1,080' **FOOTAGE** 24' **PRATE** **CUM. DRLG. HRS** 9.0 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** Directional Drilling at 1,080' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: **MUD ENGINEER:**
LAST BOP TEST **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,861 **SSE** 0 **SSED** 0

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		210	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		30,176	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		9,102		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		109,220	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/16/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 1,080' **FOOTAGE** 24' **PRATE** 48.0 **CUM. DRLG. HRS** 9.5 **DRLG DAYS SINCE SPUD** 0
ANTICIPATED TD 6,881' **PRESENT OPS** Directional Drilling at 1,080' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** **CUM. MUD LOSS** **SURF:** **DH:**
MUD COMPANY: ANCHOR **MUD ENGINEER:** SEAN LEHNEN
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,861 **SSE** 0 **SSED** 0

TIME BREAKDOWN

DIRECTIONAL DRILLING	0.50	NIPPLE UP B.O.P.	2.00	PRESSURE TEST B.O.P.	5.00
RIG REPAIRS	0.50	RIG UP / TEAR DOWN	4.00	TRIPPING	0.50
WASH & REAM	1.50	WORK BHA	2.00		

DETAILS

Start	End	Hrs	
14:00	18:00	04:00	RIG UP. PULL WIRES, RIG UP FLUID LINES. (MUD, WATER, FUEL)
			NOTE: SPLIT REPORT ON THE TR 4-36T-820 FROM 06:00 TO 14:00 HRS.
18:00	20:00	02:00	NIPPLE UP BOPE, FLOW LINE, ROTATING HEAD, INSTALL SHAKER SCREENS, RUN CENTRIFUGE TO CLEAN MUD. PULL AND TEST PASON CHOKE LINES.
20:00	01:00	05:00	PRESSURE TEST BOPE 250# LOW AND 3000# HIGH.UPPER KELLY,PIPE RAMS, INSIDE KILL,CHECK VALVE KILL LINE, INSIDE AND HCR CHOKE LINE VALVES. INSIDE CHOKE MANIFOLD, OUTSIDE CHOKE MANIFOLD VALVES,DART VALVE, AND BLIND RAMS. TEST ANNULAR T/ 250# LOW AND 1500# HIGH. CASING T/1500# AND FUNCTION TEST ACCUMULATOR.
01:00	03:00	02:00	PU BHA AND ORIENT SAME.
03:00	03:30	00:30	REPAIR OIL LEAK ON TOP DRIVE.THE O-RIMG BEHIND THE PRESSURE BLOCK WAS LEAKING.,
03:30	04:00	00:30	TRIP IN THE HOLE AND TAG CEMENT @ 928'
04:00	05:30	01:30	CLEAN OUT SHOE TRACK F/928' T/ 1056'.
05:30	06:00	00:30	DRILL WITH REDUCED RATES OUT FROM CASING SHOE F/ 1056' T/1080' W/6K WOB, 254 GPM,30 RPM,935 SPP.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, RIG SKID AND PINCH POINTS. SAFETY MEETING NIGHTS: PPE,PRESSURE TESTING AND BHA, DRILLING OUT. REGULATORY NOTICES:NONE REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	140.0	3,140.0		3,000.0	1,640.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MDSI516	JJ5117	12/12/12/12/12	0.552	1,056		-------

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/128	440	0	2.96	0.50	24	48.00	0.50	24	48.00

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	FIX BEND	6277	8/7	1,056		09/16/2014	

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	0.50	24	48.00	0.50	24	48.00

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/16/2014	3,599	21.7	159.27	3,498	622.4	-548.25	298.40	2.0	MWD Survey Tool
09/16/2014	3,508	20.8	154.86	3,413	589.4	-517.88	285.58	0.5	MWD Survey Tool
09/16/2014	3,418	21.2	155.57	3,329	557.2	-488.60	272.06	1.3	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.3	Alk.		Sand %		XS Lime lb/bbl	
Temp.		Gels 10sec		Cl ppm		Solids %		Salt bbls	
Visc	36	Gels 10min		Ca ppm		LGS %		LCM ppb	
PV		pH		pF		Oil %		API WL cc	
YP		Filter Cake/32		Mf		Water %		HTHP WL cc	
O/W Ratio		ES		WPS					

Comments:

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	350
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	889.8			Hours on BHA	1
Up Weight	17,000	Dn Weight	0	RT Weight	0			Torque	0			Hours on Motor	1

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516
2	MUD MOTOR	6.500	0.000	35.78		6277	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	525	735	7,500
8100..320: Mud & Chemicals	750	750	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	12,951	43,127	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	5,346	6,592	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	2,177	2,177	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	284	284	7,000	8100..535: Directional Drillin	11,395	11,395	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	3,334	3,334	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	3,890	12,992		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	40,652	149,872	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/17/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 4,604' **FOOTAGE** 3,524' **PRATE** 150.0 **CUM. DRLG. HRS** 33.0 **DRLG DAYS SINCE SPUD** 1
ANTICIPATED TD 6,881' **PRESENT OPS** Directional Drilling at 4,604' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** 60 **CUM. MUD LOSS** **SURF:** **DH:** 60
MUD COMPANY: ANCHOR **MUD ENGINEER:** SEAN LEHNEN
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,861 **SSE** 0 **SSED** 0

TIME BREAKDOWN
DIRECTIONAL DRILLING 23.50 RIG SERVICE 0.50

DETAILS

Start	End	Hrs	
06:00	13:30	07:30	DIR DRILL F/1080' T/2338' 1258' @ 167.73 FT/HR - W/6-12K WT ON BIT - 440GPM - 65-70 RPM - 450 DIFF - 7-9000K TORQUE - 1600 PSI SPP.
13:30	14:00	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB)SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
14:00	18:00	04:00	DIR DRILL F/2338' T/3063' 725' @ 181.25 FT/HR - W/10-22K WT ON BIT - 440GPM - 65-70 RPM - 450 DIFF - 9-10000K TORQUE - 2300 PSI SPP.
18:00	00:30	06:30	DIR DRILL F/3063' T/3924' 861' @ 132.5 FT/HR - W/20-25K WT ON BIT - 440GPM - 55-65 RPM - 450 DIFF - 9-10,900K TORQUE - 2250 PSI SPP.
00:30	06:00	05:30	DIR DRILL F/3924' T/4604' 680' @ 136 FT/HR - W/20-25K WT ON BIT - 440GPM - 55-65 RPM - 450 DIFF - 9-10,900K TORQUE - 2150 PSI SPP.ON BOTTOM ROP 217.66.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE,MAKING CONNECTIONS AND SWA. SAFETY MEETING NIGHTS: PPE,FIRST DAY BACK AND SAFETY TRIANGLE,DISCUSSED PRIOR ACCIDENT WITH NEW CREW.SWA. REGULATORY NOTICES:NONE REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: BOP DRILL DAY LIGHTS 30 SEC,BOP DRILL. 15 SEC.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,350.0			1,650.0	2,990.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MDSI516	JJ5117	12/12/12/12/12	0.552	1,056		-------

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/128	440	2,350	3.08	23.00	3,524	153.22	23.50	3,548	150.98

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	FIX BEND	6277	8/7	1,056		09/16/2014	

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	23.00	3,524	153.22	23.50	3,548	150.98

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/17/2014	5,683	2.1	185.84	5,538	959.2	-878.95	384.24	0.4	MWD Survey Tool
09/17/2014	5,592	1.8	188.66	5,447	956.6	-875.86	384.63	0.2	MWD Survey Tool
09/17/2014	5,502	2.0	188.04	5,358	954.0	-872.91	385.06	0.1	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.7	Alk.		Sand %	1.0	XS Lime lb/bbl	
Temp.	99	Gels 10sec	2	Cl ppm	2,000	Solids %	8.0	Salt bbls	
Visc	39	Gels 10min	4	Ca ppm	20	LGS %	7.0	LCM ppb	
PV	10	pH	10.6	pF	1.0	Oil %		API WL cc	6.0
YP	7	Filter Cake/32	1	Mf	2.0	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 8,CEDAR FIBER 20,DRISPAC REGULAR 4,DESCO CF 1,HI-YIELD GEL 4,LIGNITE 3,PHPA 4,SAWDUST 25,FLOWZAN 2,SODIUM BICARB 3,WALNUT 4,MEGA CIDE 2,PALLETS@ SHRINK WRAP 16,TRAILER RENTAL 1, ENGINEERING 1.

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	370
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	889.8			Hours on BHA	24
Up Weight 120,000	Dn Weight 85,000	RT Weight 100,000						Torque	10,200			Hours on Motor	24

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516 5X12
2	MUD MOTOR	6.500	0.000	35.78		6277	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		735	7,500
8100..320: Mud & Chemicals	4,796	5,546	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	62,552	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		6,592	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,260	5,437	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	709	7,000	8100..535: Directional Drillin	8,150	19,545	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	5,000	8,334	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,516	17,508		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	81,095	81,095	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	126,667	276,539	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/18/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 6,830' **FOOTAGE** 2,226' **PRATE** 94.7 **CUM. DRLG. HRS** 56.5 **DRLG DAYS SINCE SPUD** 2
ANTICIPATED TD 6,881' **PRESENT OPS** Directional Drilling at 6,830' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** 240 **CUM. MUD LOSS** **SURF:** **DH:** 300
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,841 **SSE** 0 **SSED** 0

TIME BREAKDOWN

DIRECTIONAL DRILLING 23.50 RIG SERVICE 0.50

DETAILS

Start	End	Hrs	
06:00	12:30	06:30	DIR DRILL F/4604' T/5419' 815' @ 125.3 FT/HR - W/20-25K WT ON BIT - 440GPM - 55-65 RPM - 450 DIFF - 9-10,900K TORQUE - 2150 PSI SPP.
12:30	13:00	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB)SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
13:00	18:00	05:00	DIR DRILL F/5419' T/6007' 588' @ 117.6 FT/HR - W/20-25K WT ON BIT - 440GPM - 55-65 RPM - 450 DIFF - 9-10,900K TORQUE - 2150 PSI SPP.
18:00	00:00	06:00	DIR DRILL F/6007' T/6551' 544' @ 90.66 FT/HR - W/20-25K WT ON BIT - 427GPM - 55-65 RPM - 250 DIFF - 9-10, 10,000K TORQUE - 2450 PSI SPP.
00:00	06:00	06:00	DIR DRILL F/6551' T/6830' 279' @ 46.5 FT/HR - W/20-25K WT ON BIT - 427GPM - 55-65 RPM - 250 DIFF - 9-10, 10,000K TORQUE - 2450 PSI SPP.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, UNLOADING CASING AND BUFFER ZONES. SAFETY MEETING NIGHTS: PPE,SWA,HOUSE KEEPING. REGULATORY NOTICES:NOTICE TO STATE OF PRODUCTION CASING. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,430.0	3,000.0		3,220.0	4,420.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MDSI516	JJ5117	12/12/12/12/12	0.552	1,056		-------

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		65/128	440	2,500	3.08	23.50	2,226	94.72	47.00	5,774	122.85

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	FIX BEND	6277	7/8	1,056		09/16/2014	

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	23.50	2,226	94.72	47.00	5,774	122.85

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/18/2014	6,860	1.3	178.88	6,715	989.9	-911.44	386.71	0.0	Projected Survey Station
09/18/2014	6,807	1.3	178.88	6,662	988.8	-910.26	386.68	0.6	MWD Survey Tool
09/18/2014	6,770	1.3	168.65	6,625	988.0	-909.44	386.59	0.4	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.8	Alk.		Sand %	1.0	XS Lime lb/bbl	
Temp.	118	Gels 10sec	2	Cl ppm	2,000	Solids %	9.0	Salt bbls	
Visc	43	Gels 10min	7	Ca ppm	20	LGS %	7.0	LCM ppb	
PV	14	pH	10.0	pF	2.0	Oil %		API WL cc	6.4
YP	9	Filter Cake/32	1	Mf	6.0	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 100,ANCO DD 2,CEDAR FIBER 9,DRISPAC REGULAR 11,LIGNITE 3,LIME 19,PHPA 8,SAWDUST 220,FLOWZAN 4,SOLTEX 8,WALNUT 4,MEGA CIDE 4,ECO-SEAL 20,TRAILER RENTAL 1, ENGINEERING 1.

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	370
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	889.8			Hours on BHA	47
Up Weight 120,000	Dn Weight 85,000	RT Weight 100,000						Torque	10,200			Hours on Motor	47

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516 5X12
2	MUD MOTOR	6.500	0.000	35.78		6277	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	735	1,470	7,500
8100..320: Mud & Chemicals	9,482	15,028	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	81,977	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,374	9,374	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services	500	500	7,000
8100..510: Testing/Inspection/		6,592	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,260	8,697	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,134	7,000	8100..535: Directional Drillin	8,150	27,695	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	5,000	13,334	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	6,642	24,150		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	4,032	85,127	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	67,025	343,564	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/19/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 6,860' **FOOTAGE** 30' **PRATE** 60.0 **CUM. DRLG. HRS** 57.0 **DRLG DAYS SINCE SPUD** 3
ANTICIPATED TD 6,881' **PRESENT OPS** Tripping out of hole at 6,860' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** 240 **CUM. MUD LOSS** **SURF:** **DH:** 540
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,841 **SSE** 0 **SSED** 0

TIME BREAKDOWN

COND MUD & CIRCULATE	2.00	DIRECTIONAL DRILLING	0.50	OTHER	0.50
TRIPPING	15.00	WASH & REAM	0.50	WIRELINE	5.50

DETAILS

Start	End	Hrs	
06:00	06:30	00:30	DIR DRILL F/6830' T/6860'(TD) 30' @ 60 FT/HR - W/20-25K WT ON BIT - 427GPM - 55-65 RPM - 250 DIFF - 9-10, 10,000K TORQUE - 2450 PSI SPP.ON BOTTOM ROP 159.01.TD AT 6860' ON 09/18/14.
06:30	07:30	01:00	CBU F/ POOH.
07:30	15:30	08:00	POOH F/ LOGS. TIGHT @ 6620'. WORK FREE AND CONT POOH. L/D DIRECTIONAL TOOLS.
15:30	16:00	00:30	SAFETY MTNG. W/ LOGGERS AND CLEAN FLOOR.
16:00	19:00	03:00	R/U AND RUN TRIPLE COMBO LOGS W/HALLIBURTON. LOGS STOPPED @ 1060' POOH AND L/D LOGGING TOOLS.
19:00	22:00	03:00	P/U BIT AND RIH T/1250' WASH AND REAM BACK T/1100' AND POOH F/ LOGS.
22:00	00:30	02:30	R/U AND RUN LOGS T/1160'. POOH AND L/D LOGGING TOOLS.
00:30	04:30	04:00	R/U &RIH T/ 4126'. TAG UP AND BREAK CIRC.
04:30	05:00	00:30	WASH AND REAM THROUGH BRIDGE F/4126 T/4152'. CIRC T/ 4234'(BOTTOM BIRDS NEST).
05:00	06:00	01:00	CBU AND PUMP HIGH VIS SWEEP @4234'.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, HOUSE KEEPING. SAFETY MEETING NIGHTS: PPE,SWA,TEAM WORK AND TRIPPING. REGULATORY NOTICES:NONE. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	910.0			2,310.0	5,330.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:

	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	SMITH	MDSI516	JJ5117	12/12/12/12/12		6,860	6,860	-------
1	7.875	STC	MDSI516	JJ5117	12/12/12/12/12	0.552	1,056	6,860	2-3-BT-M-X-X-CT-TD

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		65	349	2,850	1.55	3.00	0	0.00	3.00	0	0.00
1		65/128	440	2,500	3.15	0.50	30	60.00	47.50	5,804	122.19

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	FIX BEND	6277	7/8	1,056	6,860	09/16/2014	09/18/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	0.50	30	60.00	47.50	5,804	122.19

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/18/2014	6,860	1.3	178.88	6,715	989.9	-911.44	386.71	0.0	Projected Survey Station
09/18/2014	6,807	1.3	178.88	6,662	988.8	-910.26	386.68	0.6	MWD Survey Tool
09/18/2014	6,770	1.3	168.65	6,625	988.0	-909.44	386.59	0.4	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.9	Alk.		Sand %	1.0	XS Lime lb/bbl	
Temp.	126	Gels 10sec	3	Cl ppm	2,000	Solids %	9.0	Salt bbls	
Visc	48	Gels 10min	6	Ca ppm	40	LGS %	7.0	LCM ppb	
PV	14	pH	9.5	pF	2.0	Oil %		API WL cc	6.4
YP	11	Filter Cake/32	1	Mf	6.0	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 100,ANCO DD 2,CEDAR FIBER 9,DRISPAC REGULAR 11,LIGNITE 3,LIME 19,PHPA 8,SAWDUST 220,FLOWZAN 4,SOLTEX 8,WALNUT 4,MEGA CIDE 4,ECO-SEAL 20,TRAILER RENTAL 1, ENGINEERING 1.

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	370
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE							Length	889.8			Hours on BHA	48
Up Weight 165,000	Dn Weight 118,000	RT Weight 145,000						Torque	12,500			Hours on Motor	48

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	370
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup		CONVENTIAL WIPER ASSEBBLY						Length	791.2			Hours on BHA	3
Up Weight	165,000	Dn Weight	118,000	RT Weight	145,000			Torque	12,500			Hours on Motor	3

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516 5X12
2	BIT SUB	6.500	3.000	2.95			RIG SUB
3	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
4	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
5	DRILLING JARS	6.550	2.600	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
6	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	487	1,957	7,500
8100..320: Mud & Chemicals	9,229	24,257	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	101,402	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,374	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		500	7,000
8100..510: Testing/Inspection/		6,592	5,000	8100..520: Trucking & Hauling	330	330	10,000
8100..530: Equipment Rental	3,260	11,957	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,559	7,000	8100..535: Directional Drillin	8,150	35,845	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole	30,634	30,634	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	5,000	18,334	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,093	29,243		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		85,127	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	82,033	425,597	717,000

RECEIVED: Oct. 10, 2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/20/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 6,860' **FOOTAGE** 0' **PRATE** **CUM. DRLG. HRS** 57.0 **DRLG DAYS SINCE SPUD** 4
ANTICIPATED TD 6,881' **PRESENT OPS** Cement Production Casing at 6,860' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** 240 **CUM. MUD LOSS** **SURF:** **DH:** 780
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,842 **SSE** 0 **SSED** 0

TIME BREAKDOWN

CASING & CEMENT	4.50	COND MUD & CIRCULATE	4.00	TRIPPING	10.00
WIRELINE	5.50				

DETAILS

Start	End	Hrs	
06:00	06:30	00:30	CIRC HOLE CLEAN AT 4234'.
06:30	08:00	01:30	PULL OUT OF THE HOLE FROM 4234' TO 2400'.
08:00	11:00	03:00	DECISION WAS MADE TO TRIP IN THE HOLE TO 6860'
11:00	12:30	01:30	CONDITION AND CIRC HOLE CLEAN.
12:30	18:00	05:30	PULL OUT OF THE HOLE, SAW A TIGHT SPOT AT 6610' PULLED 50 OVER.AFTER THAT WE SAW A FEW BOBBLES OF 30K. THEN WE PUMPED A DRY JOB AND PULLED OPUT OF THE HOLE WITH NO DRAG.
18:00	23:30	05:30	SAFTEY MEETING , RIG UP HALLIBURTON LOGGERS, RUN IN WIRELINE TOOLS, LINE SPEED DOWN 200 FPM, LINE SPEED UP 60 FPM / LOGGERS DEPTH 6836',TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, SP RING AND ROLLER BOOGIE. R/D.
23:30	00:00	00:30	PREP FOR CASING.
00:00	03:30	03:30	SAFETY MTNG, RUN 155 JOINTS 5 1/2" 17#, LT&C J-55 CASING +FLOAT SHOE AND FLOAT COLLAR +2 MARKER JOINTS+ PUP,MANDREL,AND LANDING JOINT. SHOE DEPTH 6842'
03:30	05:30	02:00	CIRC AND COND WELL. R/U HALIBURTON CEMENTERS.
05:30	06:00	00:30	CEMENT WELL AS FOLLOWS; PUMP 3 BBLS WATER PRIME PUMPS AND TEST LINES T/5000#. ,50 TUNED SPACER,
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, LOGGING AND MAINTAINENCE. SAFETY MEETING NIGHTS: PPE,SWA,TEAM WORK AND RUNNING CASING. REGULATORY NOTICES:BOPE TEST NOTICE SENT. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: FUNCTION BLIND RAMS.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	775.0			1,535.0	6,105.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT
R/U AND RUN 155 JOINTS 5 1/2", J-55, 17# CASING AS FOLLOWS.FLOAT SHOE,FLOAT COLLAR, 29 JOINTS CASING, MARKER #A,20 JOINTS CASING, MARKER #B,106 JOINTS CASING, PUP, HANGER, AND LANDING JOINT.

CEMENT JOB SUMMARY
PUMP 3 BBLS WATER PRIME PUMPS AND TEST LINES T/5000#. ,50 TUNED SPACER,146 BBL 11.0# LEAD, 106 BBL 14# TAIL, RELEASE PLUG AND DISPLACE W/159 BBL FRESH WATER.BUMP W/500# OVER AND CHECK FLOATS, 29 BBLS OF CEMENT TO SURFACE, BLED BACK 1.25 BBLS TO TRUCK, FLOATS HELD.

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	09/20/2014	5 1/2	J-55	17	6,842		
Surface	08/26/2014	8 5/8	J-55	24	1,023		
Conductor	08/10/2014	16	ARJ-55	45	119		

RECENT BITS:

BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
2	7.875	SMITH	MDSI516	JJ5117	12/12/12/12/12/12		6,860	6,860	-------
1	7.875	STC	MDSI516	JJ5117	12/12/12/12/12/12	0.552	1,056	6,860	2-3-BT-M-X-X-CT-TD

BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		65	349	2,850	1.55	12.00	0	0.00	15.00	0	0.00
1		65/128	440	2,500	3.15	0.50	30	60.00	47.50	5,804	122.19

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	FIX BEND	6277	7/8	1,056	6,860	09/16/2014	09/18/2014

MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	0.50	30	60.00	47.50	5,804	122.19

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/18/2014	6,860	1.3	178.88	6,715	989.9	-911.44	386.71	0.0	Projected Survey Station
09/18/2014	6,807	1.3	178.88	6,662	988.8	-910.26	386.68	0.6	MWD Survey Tool
09/18/2014	6,770	1.3	168.65	6,625	988.0	-909.44	386.59	0.4	MWD Survey Tool

RECEIVED: Oct. 10, 2014

MUD PROPERTIES

Type	LSND	Mud Wt	9.9	Alk.		Sand %	1.0	XS Lime lb/bbl	
Temp.	126	Gels 10sec	3	Cl ppm	2,000	Solids %	9.0	Salt bbls	
Visc	48	Gels 10min	6	Ca ppm	40	LGS %	7.0	LCM ppb	
PV	14	pH	9.5	pF	2.0	Oil %		API WL cc	6.4
YP	11	Filter Cake/32	1	Mf	6.0	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					

Comments: ANCO-BAR 100,ANCO DD 2,CEDAR FIBER 9,DRISPAC REGULAR 11,LIGNITE 3,LIME 19,PHPA 8,SAWDUST 220,FLOWZAN 4,SOLTEX 8,WALNUT 4,MEGA CIDE 4,ECO-SEAL 20,TRAILER RENTAL 1, ENGINEERING 1.

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI		GPM	440	SPR	43	Slow PSI	370
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	43	Slow PSI	383
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	CONVENTIAL WIPER ASSEBBLY							Length	791.2			Hours on BHA	3
Up Weight 165,000		Dn Weight 118,000		RT Weight 145,000				Torque	12,500			Hours on Motor	3

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516 5X12
2	BIT SUB	6.500	3.000	2.95		RIG	RIG SUB
3	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
4	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
5	DRILLING JARS	6.550	2.600	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
6	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	88	2,045	7,500
8100..320: Mud & Chemicals	1,345	25,602	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	120,827	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,374	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		500	7,000
8100..510: Testing/Inspection/		6,592	5,000	8100..520: Trucking & Hauling		330	10,000
8100..530: Equipment Rental	3,260	15,217	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,984	7,000	8100..535: Directional Drillin		35,845	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole		30,634	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	5,000	23,334	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	3,240	32,483		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		85,127	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	32,783	458,380	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/21/2014

WELL NAME THREE RIVERS 4-34-820 **AFE#** 140969 **SPUD DATE** 09/16/2014
WELL SITE CONSULTANT JOHN FREITAS/KING BROWN **PHONE#** 713-948-9196 **CONTRACTOR** Ensign 122
TD AT REPORT 6,860' **FOOTAGE** 0' **PRATE** **CUM. DRLG. HRS** 57.0 **DRLG DAYS SINCE SPUD** 4
ANTICIPATED TD 6,881' **PRESENT OPS** Rig Repair at 6,860' **GEOLOGIC SECT.**
DAILY MUD LOSS **SURF:** **DH:** 240 **CUM. MUD LOSS** **SURF:** **DH:** 1,020
MUD COMPANY: ANCHOR **MUD ENGINEER:** DAN KASTEL
LAST BOP TEST 09/16/2014 **NEXT CASING SIZE** 5 1/2 **NEXT CASING DEPTH** 6,841 **SSE** 0 **SSED** 0

TIME BREAKDOWN

CASING & CEMENT 2.00 NIPPLE DOWN B.O.P. 0.50 RIG MOVE 1.00
RIG UP / TEAR DOWN 2.50

DETAILS

Start	End	Hrs	
06:00	08:00	02:00	146 BBL 11.0# LEAD, 106 BBL 14# TAIL, RELEASE PLUG AND DISPLACE W/159 BBL FRESH WATER.BUMP W/500# OVER AND CHECK FLOATS.
08:00	10:30	02:30	RIG DOWN TO SKID THE RIG.
10:30	11:00	00:30	NIPPLE DOWN TO SKID RIG.
11:00	12:00	01:00	SKID RIG OVER TO THE TR 4-38T-820. rig release @ 12:00 hrs.

AFE Days vs Depth: AFE Cost Vs Depth:
DWOP Days vs Depth: # LL/BP Received Today:

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	200.0		1,335.0	0.0	6,305.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CEMENT JOB SUMMARY

PUMP 3 BBLS WATER PRIME PUMPS AND TEST LINES T/5000#. ,50 TUNED SPACER,146 BBL 11.0# LEAD, 106 BBL 14# TAIL, RELEASE PLUG AND DISPLACE W/159 BBL FRESH WATER.BUMP W/500# OVER AND CHECK FLOATS, 29 BBLS OF CEMENT TO SURFACE, BLED BACK 1.25 BBLS TO TRUCK, FLOATS HELD.

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BIT OPERATIONS:

BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		65	349	2,850	1.55	12.00	0	0.00	15.00	0	0.00
1		65/128	440	2,500	3.15	0.50	30	60.00	47.50	5,804	122.19

RECENT MUD MOTORS:

#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
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MUD MOTOR OPERATIONS:

#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	0.50	30	60.00	47.50	5,804	122.19

SURVEYS

Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
09/18/2014	6,860	1.3	178.88	6,715	989.9	-911.44	386.71	0.0	Projected Survey Station
09/18/2014	6,807	1.3	178.88	6,662	988.8	-910.26	386.68	0.6	MWD Survey Tool
09/18/2014	6,770	1.3	168.65	6,625	988.0	-909.44	386.59	0.4	MWD Survey Tool

MUD PROPERTIES

Type LSND Mud Wt 9.9 Alk. Sand % XS Lime lb/bbl
Temp. Gels 10sec 3 Cl ppm Solids % 9.0 Salt bbls
Visc 48 Gels 10min Ca ppm LGS % LCM ppb
PV pH pF Oil % API WL cc
YP Filter Cake/32 Mf Water % HTHP WL cc
O/W Ratio ES WPS
Comments:

Flaring: Flare Foot-Minutes 0 Flared MCF 0.0 Cum. Flared MCF 0.0

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner 6.5 Stroke Len 9.0 SPM 125 PSI GPM 440 SPR 43 Slow PSI 370
Pump 2 Liner Stroke Len SPM PSI GPM SPR 43 Slow PSI 383
Pump 32 Liner Stroke Len SPM PSI GPM SPR Slow PSI
BHA Makeup CONVENTIAL WIPER ASSEBBLY Length 791.2 Hours on BHA 3
Up Weight 165,000 Dn Weight 118,000 RT Weight 145,000 Torque 12,500 Hours on Motor 3

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5117	STC MSDI516 5X12
2	BIT SUB	6.500	3.000	2.95		RIG	RIG SUB
3	DRILL COLLAR	6.500	2.750	31.06		RIG	4.5 XH P x B
4	18JTS HWDP	4.500	2.750	545.39		RIG	4.5 XH P x B
5	DRILLING JARS	6.550	2.600	30.94		42986J	4.5 XH P x B(SMITH)HE JARS
6	6JTS HWDP	4.500	2.313	180.44		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		29,864	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		2,045	7,500
8100..320: Mud & Chemicals		25,602	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	4,856	125,683	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,374	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		500	7,000
8100..510: Testing/Inspection/		6,592	5,000	8100..520: Trucking & Hauling		330	10,000
8100..530: Equipment Rental	813	16,030	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	106	2,090	7,000	8100..535: Directional Drillin		35,845	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,931	20,000
8100..605: Cementing Work		19,692	25,000	8100..610: P & A			
8100..700: Logging - Openhole		30,634	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	1,250	24,584	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		32,483		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work	38,454	38,454	25,000	8210..600: Production Casing		85,127	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	45,479	503,859	717,000

RECEIVED: Oct. 10, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UT016
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: THREE RIVERS 4-34-820
9. API NUMBER: 4304754422
10 FIELD AND POOL, OR WILDCAT: THREE RIVERS

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER
b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER
2. NAME OF OPERATOR: Ultra Resources, Inc.
3. ADDRESS OF OPERATOR: 304 Inverness Way So. CITY Englewood STATE CO ZIP 80112
PHONE NUMBER: (303) 645-9804
4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1530 FSL 2333 FEL 40.148581 109.672469
AT TOP PRODUCING INTERVAL REPORTED BELOW: 674 FSL 1951 FEL 40.146240 109.671081
AT TOTAL DEPTH: 615 FSL 1953 FEL 40.146079 109.671086
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 4 8S 20E S
12. COUNTY: Uintah
13. STATE: UTAH

14. DATE SPUDDED: 8/10/2014
15. DATE T.D. REACHED: 9/18/2014
16. DATE COMPLETED: 10/11/2014 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): GL 4753.1
18. TOTAL DEPTH: MD 6,860 TVD 6,716
19. PLUG BACK T.D.: MD 6,840 TVD 6,696
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): Triple Combo, CBL
23. WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	119				0	
12 1/4	8 5/8 J-55	24	0	1,023		675		0	
7 7/8	5 1/2 J-55	17	0	6,842		680		0	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4,985							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Lower GR	4,974	6,720		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,974 6,720		300	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☑ NO ☐ IF YES – DATE FRACTURED: 10/7/2014

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4974 to 6720	Fracture/Stimulate 7 Stages

29. ENCLOSED ATTACHMENTS:

☑ ELECTRICAL/MECHANICAL LOGS
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ CORE ANALYSIS ☑ OTHER:

30. WELL STATUS: POW

(5/2013)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/11/2014	10/22/2014	24		113	38	376	Gas Pumpi

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used on lease

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Upper Green River	2,819
Mahogany	4,194
Lower Green River	4,950
Wasatch	6,724

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac material used: 6000 gal HCl Acid, 808737 gal FR-66 Water, 181858 gal DeltaFrac Fluid, 902539 lbs White Sand

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jenna Anderson TITLE Permitting Specialist

SIGNATURE DATE 11/7/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

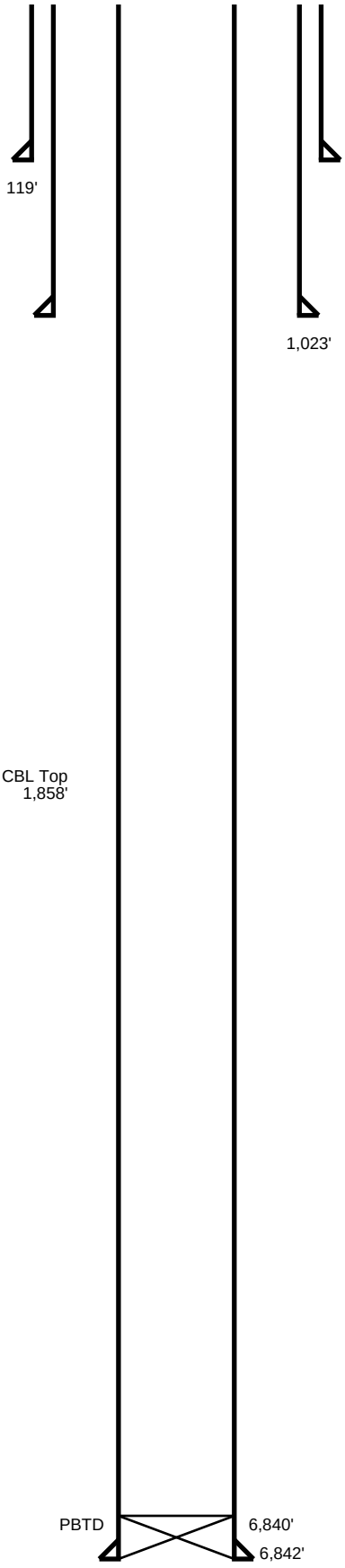
Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2013)

[ ] Proposed
[X] As Is



THREE RIVERS 4-34-820 GL: 4,753.1, KB: 4,765.6
Sec 4, 8S, 20E Uintah County, Utah

	Size	Weight	Grade	Depth	Sks/Cmt
Conductor	16	45	ARJ-55	119	
Surface	8 5/8	24	J-55	1023	675
Production	5 1/2	17	J-55	6842	680
Cement Top				0	

STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6718-6720	6705-6706	6696-6697	6655-6656	6644-6645	6630-6631	6600-6601
2	6515-6517	6514-6515	6513-6514	6509-6510	6507-6508	6499-6500	6497-6498
3	6397-6398	6376-6377	6364-6365	6343-6344	6334-6335	6327-6328	6303-6304
4	6190-6191	6160-6161	6143-6144	6128-6129	6118-6119	6085-6086	6077-6078
5	5896-5897	5880-5881	5850-5851	5827-5828	5808-5809	5784-5785	5772-5773
6	5435-5436	5429-5430	5424-5425	5416-5417	5343-5344	5283-5284	5248-5249
7	5115-5116	5106-5107	5086-5087	5080-5081	5063-5064	5053-5054	5045-5046

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	10/07/2014	48.0	2,563	122,866	3,870		N
2	10/07/2014	30.0	2,780	21,329	2,820		N
3	10/07/2014	49.0	2,733	188,850	5,792		N
4	10/08/2014	39.0	3,153	142,128	3,468		N
5	10/08/2014	46.0	3,385	185,279	4,951		N
6	10/08/2014	48.0	2,870	110,592	3,028		N
7	10/08/2014	50.0	2,732	131,495	3,680		N
			Totals:	902,539	27,609		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

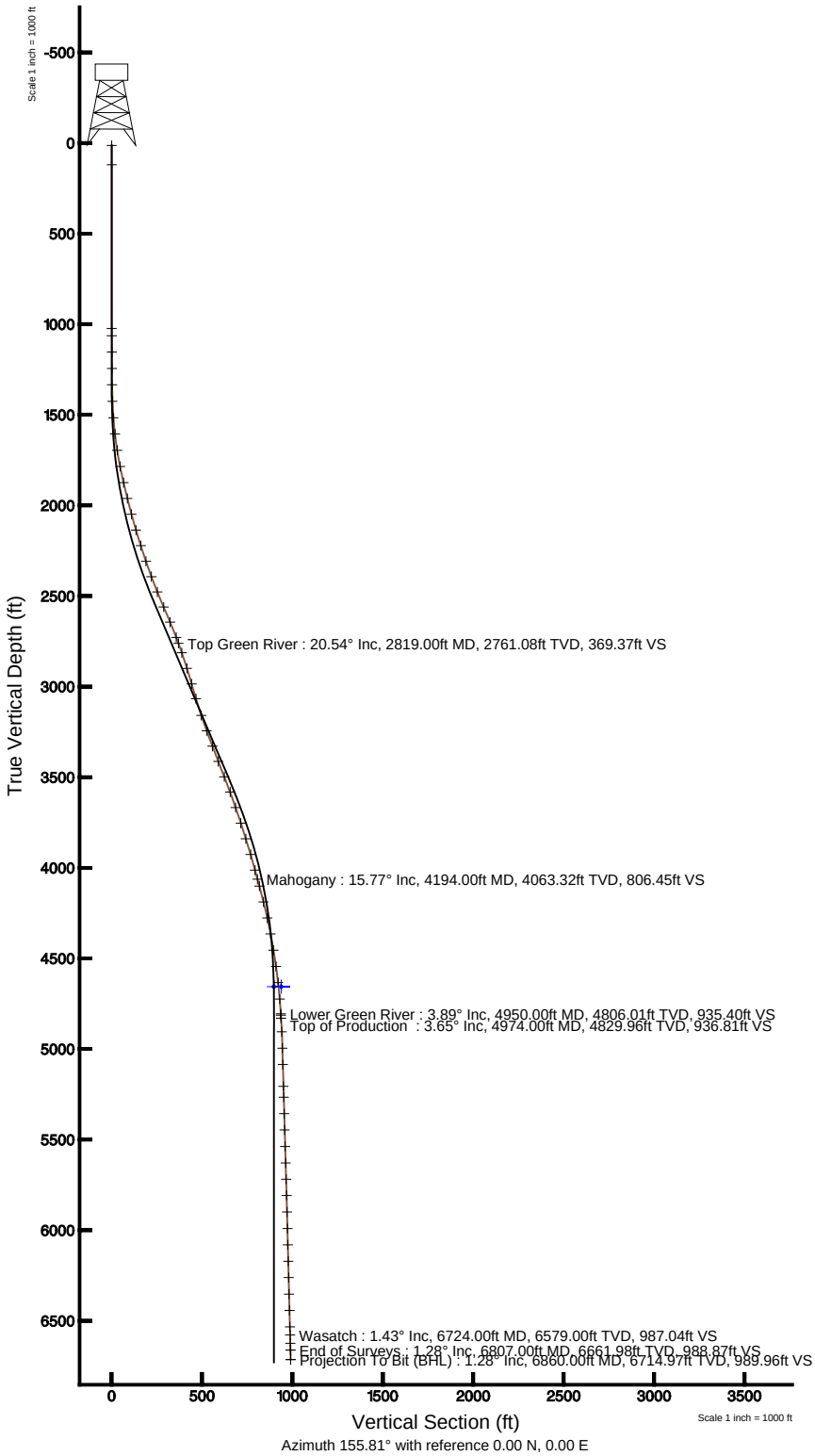
Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
08/25/2014	09/16/2014	09/18/2014	09/20/2014	10/11/2014	

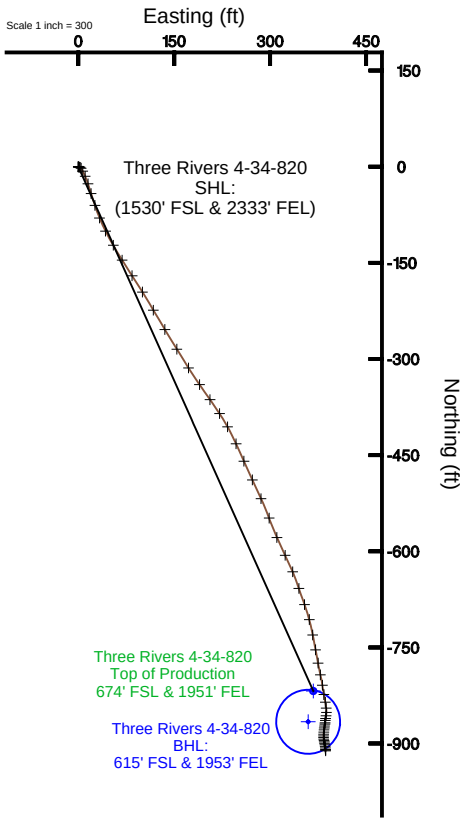
RECEIVED: Nov. 07, 2014

ULTRA RESOURCES, INC

Location:	Three Rivers	Slot:	Three Rivers 4-34-820 (1530' FSL & 2333' FEL)
Field:	UINTAH COUNTY	Well:	Three River 4-34-820
Facility:	Sec.04-T8S-R20E	Wellbore:	Three River 4-34-820 PWB

Plot reference wellpath is Three River 4-34-820 PWP	
True vertical depths are referenced to Ensign 122 (RT)	Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to Ensign 122 (RT)	North Reference: True north
Ensign 122 (RT) to Mean Sea Level: 4766.1 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Three Rivers 4-34-820 (1530' FSL & 2333' FEL)): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: evilliams on 11/4/2014





RECEIVED: Nov. 07, 2014

Actual Wellpath Report

Three River 4-34-820 AWP

Page 1 of 5

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1530' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 AWB**
Facility	**Sec.04-T8S-R20E**		

REPORT SETUP INFORMATION			
Projection System	**NAD83 / Lambert Utah SP, Central Zone (4302), US feet**	Software System	**WellArchitect® 3.0.0**
North Reference	**True**	User	**Ewilliams**
Scale	**0.999914**	Report Generated	**11/4/2014** at **2:43:55 PM**
Convergence at slot	**1.17° East**	Database/Source file	**WellArchitectDB/Three_River_4-34-820_AWB.xml**

WELLPATH LOCATION	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	**East[ft]**	**Easting[US ft]**	**Northing[US ft]**	**Latitude**	**Longitude**
Slot Location	-2552.02	-1948.34	2151232.08	7228063.92	**40°08'54.890"N**	**109°40'20.890"W**
Facility Reference Pt			2153127.51	7230655.14	**40°09'20.110"N**	**109°39'55.800"W**
Field Reference Pt			2156630.96	7236613.42	**40°10'18.270"N**	**109°39'09.100"W**

WELLPATH DATUM			
Calculation method	**Minimum curvature**	Ensign 122 (RT) to Facility Vertical Datum	**4766.10ft**
Horizontal Reference Pt	**Slot**	Ensign 122 (RT) to Mean Sea Level	**4766.10ft**
Vertical Reference Pt	**Ensign 122 (RT)**	Ensign 122 (RT) to Mud Line at Slot (Three Rivers 4-34-820 (1530' FSL & 2333' FEL))	**4766.10ft**
MD Reference Pt	**Ensign 122 (RT)**	Section Origin	**N 0.00, E 0.00 ft**
Field Vertical Reference	**Mean Sea Level**	Section Azimuth	**155.81°**

Actual Wellpath Report

Three River 4-34-820 AWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1530' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 AWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH DATA (75 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	104.840	0.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
13.00	0.000	104.840	13.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
119.00	0.000	0.000	119.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1023.00	0.000	0.000	1023.00	0.00	0.00	0.00	40°08'54.890"N	109°40'20.890"W	0.00	
1063.00	0.490	104.840	1063.00	0.11	-0.04	0.17	40°08'54.890"N	109°40'20.888"W	1.22	
1153.00	0.620	106.870	1153.00	0.67	-0.28	1.00	40°08'54.887"N	109°40'20.877"W	0.15	
1244.00	0.620	104.580	1243.99	1.30	-0.55	1.95	40°08'54.885"N	109°40'20.865"W	0.03	
1334.00	0.620	94.970	1333.98	1.84	-0.72	2.91	40°08'54.883"N	109°40'20.853"W	0.12	
1425.00	2.120	147.280	1424.96	3.75	-2.17	4.31	40°08'54.869"N	109°40'20.835"W	1.99	
1516.00	4.510	153.540	1515.80	8.99	-6.79	6.81	40°08'54.823"N	109°40'20.802"W	2.65	
1606.00	6.810	155.260	1605.36	17.86	-14.81	10.62	40°08'54.744"N	109°40'20.753"W	2.56	
1697.00	9.010	162.180	1695.49	30.34	-26.49	15.06	40°08'54.628"N	109°40'20.696"W	2.63	
1788.00	11.310	162.260	1785.05	46.29	-41.78	19.96	40°08'54.477"N	109°40'20.633"W	2.53	
1879.00	13.300	161.340	1873.96	65.58	-60.20	26.03	40°08'54.295"N	109°40'20.555"W	2.20	
1969.00	13.700	159.360	1961.47	86.52	-79.98	33.10	40°08'54.100"N	109°40'20.464"W	0.68	
2059.00	15.380	151.380	2048.59	109.06	-100.43	42.57	40°08'53.898"N	109°40'20.342"W	2.90	
2150.00	16.700	150.940	2136.05	134.12	-122.46	54.71	40°08'53.680"N	109°40'20.186"W	1.46	
2240.00	18.120	147.680	2221.93	160.86	-145.59	68.47	40°08'53.451"N	109°40'20.008"W	1.91	
2331.00	19.000	146.970	2308.19	189.51	-169.97	84.11	40°08'53.210"N	109°40'19.807"W	1.00	
2421.00	20.190	148.250	2392.98	219.38	-195.46	100.27	40°08'52.958"N	109°40'19.599"W	1.41	
2512.00	22.400	149.350	2477.76	252.18	-223.73	117.38	40°08'52.679"N	109°40'19.379"W	2.47	
2602.00	23.600	148.960	2560.61	287.11	-253.92	135.41	40°08'52.381"N	109°40'19.146"W	1.34	
2693.00	22.980	148.250	2644.19	322.80	-284.63	154.15	40°08'52.077"N	109°40'18.905"W	0.75	
2784.00	21.520	147.850	2728.41	356.95	-313.87	172.38	40°08'51.788"N	109°40'18.670"W	1.61	
2819.00†	20.535	146.883	2761.08	369.37	-324.45	179.15	40°08'51.684"N	109°40'18.583"W	2.98	Top Green River
2874.00	19.000	145.170	2812.84	387.70	-339.88	189.53	40°08'51.531"N	109°40'18.449"W	2.98	
2965.00	17.900	144.860	2899.16	415.99	-363.47	206.04	40°08'51.298"N	109°40'18.237"W	1.21	
3055.00	16.000	146.180	2985.25	441.80	-385.09	220.91	40°08'51.084"N	109°40'18.045"W	2.15	
3140.00	17.100	151.380	3066.73	465.81	-405.80	233.42	40°08'50.880"N	109°40'17.884"W	2.17	
3237.00	18.600	154.950	3159.06	495.50	-432.33	246.80	40°08'50.618"N	109°40'17.712"W	1.91	
3327.00	20.020	156.140	3244.00	525.26	-459.42	259.11	40°08'50.350"N	109°40'17.553"W	1.64	
3418.00	21.180	155.570	3329.18	557.27	-488.64	272.21	40°08'50.061"N	109°40'17.385"W	1.29	
3508.00	20.810	154.860	3413.20	589.52	-517.91	285.72	40°08'49.772"N	109°40'17.211"W	0.50	
3599.00	21.700	159.270	3498.01	622.48	-548.28	298.55	40°08'49.472"N	109°40'17.046"W	2.01	
3689.00	20.810	157.060	3581.89	655.07	-578.57	310.67	40°08'49.173"N	109°40'16.889"W	1.33	
3780.00	18.600	153.270	3667.56	685.73	-606.42	323.50	40°08'48.897"N	109°40'16.724"W	2.80	
3871.00	17.720	157.370	3754.03	714.08	-632.17	335.36	40°08'48.643"N	109°40'16.572"W	1.70	
3961.00	18.120	161.870	3839.67	741.69	-658.11	344.98	40°08'48.386"N	109°40'16.448"W	1.60	
4052.00	16.100	159.360	3926.64	768.35	-683.37	353.83	40°08'48.137"N	109°40'16.334"W	2.36	
4142.00	15.500	165.170	4013.24	792.68	-706.68	361.31	40°08'47.907"N	109°40'16.237"W	1.88	
4194.00†	15.775	167.723	4063.32	806.45	-720.30	364.59	40°08'47.772"N	109°40'16.195"W	1.43	Mahogany
4233.00	16.000	169.580	4100.83	816.86	-730.77	366.69	40°08'47.668"N	109°40'16.168"W	1.43	
4324.00	14.010	168.650	4188.72	839.78	-753.90	371.13	40°08'47.440"N	109°40'16.111"W	2.20	
4415.00	12.800	170.000	4277.24	860.29	-774.63	375.05	40°08'47.235"N	109°40'16.060"W	1.37	
4505.00	11.100	167.240	4365.29	878.45	-792.90	378.69	40°08'47.054"N	109°40'16.014"W	1.99	

Actual Wellpath Report

Three River 4-34-820 AWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1530' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 AWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH DATA (75 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4596.00	9.900	171.450	4454.77	894.57	-809.18	381.79	40°08'46.894"N	109°40'15.974"W	1.56	
4687.00	8.790	169.580	4544.56	908.86	-823.76	384.21	40°08'46.750"N	109°40'15.942"W	1.26	
4777.00	6.810	170.150	4633.72	920.71	-835.78	386.37	40°08'46.631"N	109°40'15.915"W	2.20	
4868.00	4.820	172.750	4724.25	929.59	-844.89	387.77	40°08'46.541"N	109°40'15.897"W	2.21	
4950.00†	3.886	181.110	4806.01	935.40	-851.08	388.15	40°08'46.480"N	109°40'15.892"W	1.37	Lower Green River
4958.00	3.800	182.140	4813.99	935.88	-851.62	388.14	40°08'46.474"N	109°40'15.892"W	1.37	
4974.00†	3.652	183.640	4829.96	936.81	-852.66	388.09	40°08'46.464"N	109°40'15.893"W	1.11	Top of Production
5049.00	3.000	192.580	4904.83	940.49	-856.96	387.51	40°08'46.421"N	109°40'15.900"W	1.11	
5140.00	2.300	186.680	4995.73	943.97	-861.09	386.78	40°08'46.381"N	109°40'15.909"W	0.82	
5230.00	1.680	187.560	5085.68	946.64	-864.19	386.39	40°08'46.350"N	109°40'15.914"W	0.69	
5351.00	1.810	184.340	5206.62	949.83	-867.86	386.01	40°08'46.314"N	109°40'15.919"W	0.13	
5411.00	1.990	191.170	5266.59	951.51	-869.83	385.74	40°08'46.294"N	109°40'15.923"W	0.48	
5502.00	1.990	188.040	5357.54	954.14	-872.94	385.21	40°08'46.264"N	109°40'15.930"W	0.12	
5592.00	1.810	188.660	5447.49	956.65	-875.89	384.78	40°08'46.234"N	109°40'15.935"W	0.20	
5683.00	2.120	185.840	5538.43	959.32	-878.99	384.39	40°08'46.204"N	109°40'15.940"W	0.36	
5774.00	2.120	186.540	5629.37	962.22	-882.33	384.03	40°08'46.171"N	109°40'15.945"W	0.03	
5864.00	1.990	183.940	5719.31	965.03	-885.55	383.73	40°08'46.139"N	109°40'15.949"W	0.18	
5954.00	1.590	179.450	5809.27	967.55	-888.35	383.64	40°08'46.111"N	109°40'15.950"W	0.47	
6045.00	1.590	177.860	5900.23	969.88	-890.88	383.70	40°08'46.086"N	109°40'15.949"W	0.05	
6136.00	1.410	169.360	5991.20	972.14	-893.24	383.95	40°08'46.063"N	109°40'15.946"W	0.31	
6226.00	1.410	169.580	6081.18	974.29	-895.42	384.36	40°08'46.041"N	109°40'15.941"W	0.01	
6317.00	1.500	170.770	6172.15	976.53	-897.69	384.75	40°08'46.019"N	109°40'15.936"W	0.10	
6407.00	1.410	167.640	6262.12	978.75	-899.94	385.18	40°08'45.997"N	109°40'15.930"W	0.13	
6498.00	1.500	166.760	6353.09	981.01	-902.19	385.69	40°08'45.974"N	109°40'15.923"W	0.10	
6588.00	1.680	169.450	6443.05	983.45	-904.64	386.20	40°08'45.950"N	109°40'15.917"W	0.22	
6679.00	1.590	177.560	6534.02	985.92	-907.21	386.50	40°08'45.925"N	109°40'15.913"W	0.27	
6724.00†	1.432	173.635	6579.00	987.04	-908.39	386.59	40°08'45.913"N	109°40'15.912"W	0.42	Wasatch
6770.00	1.280	168.650	6624.99	988.08	-909.47	386.75	40°08'45.903"N	109°40'15.910"W	0.42	
6807.00	1.280	178.880	6661.98	988.87	-910.28	386.84	40°08'45.894"N	109°40'15.909"W	0.62	End of Surveys
6860.00	1.280	178.880	6714.97	989.96	-911.47	386.86	40°08'45.883"N	109°40'15.908"W	0.00	Projection To Bit (BHL)

Actual Wellpath Report

Three River 4-34-820 AWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1530' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 AWB**
Facility	**Sec.04-T8S-R20E**		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers 4-34-820 Driller's Target Radius: 5' Center @ 708' FSL & 1972' FEL		4656.00	-818.21	367.55	2151616.24	7227253.46	40°08'46.804"N	109°40'16.157"W	circle
Three Rivers 4-34-820 Target On Plat Radius: 50' 660' FSL & 1980' FEL		4656.00	-866.21	359.55	2151609.22	7227205.31	**40°08'46.330"N**	**109°40'16.260"W**	circle

WELLPATH COMPOSITION - Ref Wellbore: Three River 4-34-820 AWB Ref Wellpath: Three River 4-34-820 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	119.00	Unknown Tool (Standard)	Conductor	Three River 4-34-820 AWB
119.00	1023.00	Unknown Tool (Standard)	Surface	Three River 4-34-820 AWB
1023.00	6807.00	MTC (Collar, post-2000) (Standard)	MWD	Three River 4-34-820 AWB
6807.00	6860.00	Blind Drilling (std)	Projection to bit	Three River 4-34-820 AWB

Actual Wellpath Report

Three River 4-34-820 AWP

REFERENCE WELLPATH IDENTIFICATION			
Operator	**ULTRA RESOURCES, INC**	Slot	**Three Rivers 4-34-820 (1530' FSL & 2333' FEL)**
Area	**Three Rivers**	Well	**Three River 4-34-820**
Field	**UINTAH COUNTY**	Wellbore	**Three River 4-34-820 AWB**
Facility	**Sec.04-T8S-R20E**		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
2819.00	20.535	146.883	2761.08	Top Green River
4194.00	15.775	167.723	4063.32	Mahogany
4950.00	3.886	181.110	4806.01	Lower Green River
4974.00	3.652	183.640	4829.96	Top of Production
6724.00	1.432	173.635	6579.00	Wasatch
6807.00	1.280	178.880	6661.98	End of Surveys
6860.00	1.280	178.880	6714.97	Projection To Bit (BHL)

ULTRA RESOURCES, INC.
DAILY COMPLETION REPORT FOR 09/29/2014 TO 10/12/2014

Well Name	THREE RIVERS 4-34-820	Fracs Planned	7
Location:	UINTAH County, UTAH(NWSE 4 8S 20E)	AFE#	140969
Total Depth Date:	09/18/2014 TD 6,860	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 6,842	GL:	KB: 4,766

Date:	09/29/2014		
Supervisor:	Duncan		
Work Objective:	Logging		
Contractors:	CHS		
Completion Rig:	Casedhole Sol	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
0800-1030	MIRU CHS WLU, run 4.65" gauge ring fr/surface to 6752'. POH w/gauge ring. Run CBL/GR/CCL fr/6740' to surface. TOC @ 1858'. RDMO WLU.		
Costs ($):	Daily: 6,638	Cum: 6,638	AFE: 1,298,141

Date:	09/30/2014		
Supervisor:	Duncan		
Work Objective:	Nipple up BOP		
Contractors:	Knight		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
0800-0900	MINU Knight 5K BOP. Set flow back tanks.		
Costs ($):	Daily: 1,717	Cum: 8,355	AFE: 1,298,141

Date:	10/01/2014		
Supervisor:	Duncan		
Work Objective:	Prep for frac work		
Contractors:	MBT, R&R, Target, Rhetts, Sunrise		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
0800-0801	MI set frac tanks. Install flow back iron. Fill 10K, and 500 bbl tanks		
Costs ($):	Daily: 0	Cum: 8,355	AFE: 1,298,141

Date:	10/02/2014		
Supervisor:	Duncan		
Work Objective:	Testing		
Contractors:	RBS, R&R, Rhetts		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
1000-1100	MIRU RBS Test Unit, and test csg, WH, Flow back lines, and BOP to 4,250 psig, good test. RDMO Testers.		
Costs ($):	Daily: 8,062	Cum: 16,417	AFE: 1,298,141

Date:	10/03/2014		
Supervisor:	Duncan		
Work Objective:	Perforating		
Contractors:	CHS		
Completion Rig:	Casedhole Sol	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
1000-1200	Perforate stage 1 (6539'-6720').		
Costs ($):	Daily: 20,174	Cum: 36,591	AFE: 1,298,141

Date:	10/04/2014		
Supervisor:	Fletcher		
Work Objective:	Prep for frac work		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	3036459812
Upcoming Activity:	Completion		
Costs ($):	Daily: 0	Cum: 36,591	AFE: 1,298,141

Date:	10/06/2014		
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs ($):	Daily: 14,563	Cum: 51,154	AFE: 1,298,141

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Date:	10/07/2014		
Supervisor:	Hutchinson / Scott		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	HES,R&R,Rheets,Target,Sunrise		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone:	307-354-6007/307-350-8487
Upcoming Activity:	Drill out plug		
Activities			
0600-0730	Frac Stage 1.		
0730-0840	Perforate stage 2 (6444-6517). Set 5.5" FTFP @ 6537'.		
0840-1100	Wait on TR_4-38T-820.		
1100-1130	Frac stage 2. Unable to get job rate, will reperf stage 2.		
1130-1325	Re perforate stage 2.		
1325-1415	Frac stage 2. Cut sand due to pressure increase.		
1415-1520	Perforate stage 3 (6216-6398). Set 5.5" FTFP @ 6418'.		
1520-1605	Wait on TR_4-38T-820.		
1605-1640	Change out chemical transport.		
1640-1830	Frac stage 3.		
1830-1935	Perforate stage 4 (5932-6191) Set 5.5" FTFP at 6209'.		
1935-2035	Wait to frac TR4-38T-820.		
2035-2150	Wait to off-load sand.		
2150-0225	Work on Growler.		
Costs ($):	Daily: 3,000	Cum: 54,154	AFE: 1,298,141

Date:	10/08/2014		
Supervisor:	Hutchinson,Scott		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	R&R,HAL-WL,HAL-FRAC		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone:	307.354.6007/307.350.8487
Upcoming Activity:	Drill out plug		
Activities			
2150-0225	Work on Growler.		
0225-0345	Frac stage 4.		
0345-0450	Perforate stage 5 (5663-5897) Set 5.5" FTFP at 5917'.		
0450-0630	Wait to frac TR4-38T-820.		
0630-0820	Frac stage 5.		
0820-0915	Perforate stage 6 (5148-5436). Set 5.5" FTFP @ 5456'.		
0915-0940	Wait to frac TR4-38T-820.		
0940-1010	Swap out chemical transport.		
1010-1115	Frac stage 6.		
1115-1205	Perforate stage 7 (4974-5116). Set 5.5" FTFP @ 5136'.		
1205-1310	Wait to frac TR4-38T-820.		
1310-1510	Frac stage 7.		
1510-1511	SICP 1300#, Rig down frac & wireline. W/O CTU		
2000-2015	Safety Meeting-Review location hazards including,WHP,line pressure, crane operations, overhead objects, the use of land guides while backing. Review incident reporting of property damage, & personnel injuries. Slips trips and falls, Establish smoking area & Muster area.		
2015-2240	MIRU IPS CTU NU. lub. Fill coil with water. Install coil connect. Pull test to 25,000# & pressure test to 3000 psi. Break lubricator off 7-1/16" BOP. New ETS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (back pressure valve) Hydraulic Disconnect, motor and 5 blade 4.625" mill. Reconnect lubricator. Function test motor,(1600 psi @ 1.5 bbl/min). NU lubricator to stack. Fill surface lines with water.		
2240-2245	Pressure test to 3700 psi. Open rams, 1000 psi well pressure.		
2245-2325	RIH with mill and motor to plug @ 5136'. (Coil depth 5143').		
2325-2340	Drill plug @ 5136' (800) PSI.		
2340-2345	Pump a 10 bbl gel sweep. RIH to plug @ 5456'. (Coil depth 5466').		
2345-0045	Drill plug @ 5456' (800) PSI.		
Costs ($):	Daily: 71,124	Cum: 125,278	AFE: 1,298,141

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Date:	10/09/2014				
Supervisor:	Stringham/Duncan				
Work Objective:	Drill out plug			SSE:	2
Contractors:	IPS,R&R,ETS,Rheets				
Completion Rig:	IPS CT 2"		Supervisor Phone:	435-790-2326/435-828-1472	
Upcoming Activity:	Flow test well				
Activities					
2345-0045	Drill plug @ 5456' (800) PSI.				
0045-0050	Pump a 10 bbl gel sweep. RIH to plug @ 5917'. (Coil depth 5928').				
0050-0120	Drill plug @ 5917' (900) PSI.				
0120-0130	Pump a 20 bbl gel sweep. RIH to plug @ 6209'. (Coil depth 6222').				
0130-0150	Drill plug @ 6209' (900) PSI.				
0150-0200	Pump a 10 bbl gel sweep. RIH to plug @ 6418'. (Coil depth 6430').				
0200-0215	Drill plug @ 6418' (900) PSI.				
0215-0225	Pump a 10 bbl gel sweep. RIH to plug @ 6537'. (Coil depth 6548').				
0225-0240	Drill plug @ 6537' (900) PSI.				
0240-0255	Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. @ 6603' Tight Spot Not Able To Get Thru				
	Stall Out.				
0255-0345	POOH To Change Mill To 4.375" Close Rams, SICP (900)PSI.				
0345-0420	ND Stack Change Mill, NU Stack Fill Lines Test To 3500 PSI, Bleed Off To 1000 PSI Open Rams 900 PSI				
0420-0600	RIH with mill and motor tagged @ 6674' and worked plug parts out				
0600-0700	RIH to PBTD @ 6840'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. (Coil PBTD @ 6834').				
	Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom				
	ram, SICP 850 PSI.				
0700-0745	Swing coil unit over to the TR 4-38T-820.				
0745-0746	Turn well over to flow testers, open well on 16/64 choke. IP 850 PSI.				
Costs ($):	Daily: 381,249	Cum:	506,527	AFE:	1,298,141

Date:	10/10/2014				
Supervisor:	Stringham/Duncan				
Work Objective:	Flow test well			SSE:	2
Contractors:	R&R, Rhetts				
Completion Rig:	(Missing)		Supervisor Phone:	435-790-2326/435-828-1472	
Upcoming Activity:	Flow test well				
Costs ($):	Daily: 13,999	Cum:	520,525	AFE:	1,298,141

Date:	10/11/2014				
Supervisor:	Duncan				
Work Objective:	Flow test well				
Contractors:	R&R, Rhetts				
Completion Rig:	(Missing)		Supervisor Phone:	435-828-1472	
Upcoming Activity:	Turned over to Production Dept				
Costs ($):	Daily: 0	Cum:	520,525	AFE:	1,298,141

Date:	10/12/2014				
Supervisor:	Fletcher				
Work Objective:	Turned over to Production Dept				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Supervisor Phone:	3036459812	
Upcoming Activity:					
Costs ($):	Daily: 0	Cum:	520,525	AFE:	1,298,141

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ULTRA RESOURCES, INC.
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 4-34-820

Well Name:	THREE RIVERS 4-34-820	Fracs Planned:	7
Location:	UINTAH County, UTAH (NWSE 004 8S 20E)		

Stage 1

Initial Completion

Frac Date:	10/07/2014	Avg Rate:	48.0 BPM	Avg Pressure:	2,563 PSI
Proppant:	122,866 lbs total 122866 lbs Ottawa	Max Rate:	63.0 BPM	Max Pressure:	3,835 PSI
Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:	
PreFrac SICP:		ISIP:	1,883 PSI	Base BBLS to Recover:	3,870 BBLs
Pseudo Frac Gradient:	0.713 PSI/FT	Pseudo Frac Gradient:	13.711 LB/GAL		
		Net Pressure:	107 psi	Total BBLS to Recover:	3,870 BBLs
Breakdown Pressure:	2727	Breakdown Rate:	2.6	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
12	10/03/2014	3	6,539	6,540
11	10/03/2014	3	6,547	6,548
10	10/03/2014	3	6,564	6,565
9	10/03/2014	3	6,575	6,576
8	10/03/2014	3	6,591	6,592
7	10/03/2014	3	6,600	6,601
6	10/03/2014	3	6,630	6,631
5	10/03/2014	3	6,644	6,645
4	10/03/2014	3	6,655	6,656
3	10/03/2014	3	6,696	6,697
2	10/03/2014	3	6,705	6,706
1	10/03/2014	3	6,718	6,720

Stage 2

Initial Completion

Frac Date:	10/07/2014	Avg Rate:	30.0 BPM	Avg Pressure:	2,780 PSI
Proppant:	21,329 lbs total 21329 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	4,156 PSI
Initial Annulus Pressure:	9	Final Annulus Pressure:	11	Pump Down Volume:	
PreFrac SICP:		ISIP:	1,609 PSI	Base BBLS to Recover:	2,820 BBLs
Pseudo Frac Gradient:	0.680 PSI/FT	Pseudo Frac Gradient:	13.071 LB/GAL		
		Net Pressure:	-839 psi	Total BBLS to Recover:	2,820 BBLs
Breakdown Pressure:	1790	Breakdown Rate:	2.5	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
21	10/07/2014		6,442	6,443
20	10/07/2014	3	6,444	6,445
19	10/07/2014	3	6,450	6,451
18	10/07/2014	3	6,452	6,453
17	10/07/2014	3	6,456	6,457
16	10/07/2014	3	6,458	6,459
15	10/07/2014	3	6,463	6,464
14	10/07/2014	3	6,465	6,466
13	10/07/2014	3	6,470	6,471
12	10/07/2014	3	6,472	6,473
11	10/07/2014	3	6,478	6,479
10	10/07/2014	3	6,480	6,481
9	10/07/2014	3	6,489	6,490
8	10/07/2014	3	6,491	6,492
7	10/07/2014	3	6,497	6,498
6	10/07/2014	3	6,499	6,500
5	10/07/2014	3	6,507	6,508
4	10/07/2014	3	6,509	6,510
3	10/07/2014	3	6,513	6,514
2	10/07/2014	3	6,514	6,515
1	10/07/2014	3	6,515	6,517

Stage 3

Initial Completion

Frac Date:	10/07/2014	Avg Rate:	49.0 BPM	Avg Pressure:	2,733 PSI
Proppant:	188,850 lbs total 188850 lbs Ottawa	Max Rate:	62.0 BPM	Max Pressure:	4,131 PSI
Initial Annulus Pressure:	17	Final Annulus Pressure:	0	Pump Down Volume:	
PreFrac SICP:		ISIP:	1,532 PSI	Base BBLS to Recover:	5,792 BBLs
Pseudo Frac Gradient:	0.672 PSI/FT	Pseudo Frac Gradient:	12.928 LB/GAL		
		Net Pressure:	-659 psi	Total BBLS to Recover:	5,792 BBLs
Breakdown Pressure:	1351	Breakdown Rate:	2.2	Perfs Open:	
ScreenOut:	No	Tracer:	(None)		

Zones:	Perf Date	SPF	Perf Interval: From	To
13	10/07/2014	3	6,216	6,217
12	10/07/2014	3	6,225	6,226
11	10/07/2014	3	6,239	6,240
10	10/07/2014	3	6,271	6,272
9	10/07/2014	3	6,287	6,288
8	10/07/2014	3	6,293	6,294
7	10/07/2014	3	6,303	6,304
6	10/07/2014	3	6,327	6,328
5	10/07/2014	3	6,334	6,335
4	10/07/2014	3	6,343	6,344
3	10/07/2014	3	6,364	6,365
2	10/07/2014	3	6,376	6,377
1	10/07/2014	3	6,397	6,398

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Stage 4	Frac Date:	10/08/2014	Avg Rate:	39.0 BPM	Avg Pressure:	3,153 PSI	
Initial Completion	Proppant:	142,128 lbs total 142128 lbs Ottawa	Max Rate:	60.0 BPM	Max Pressure:	4,164 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	2,320 PSI	Base BBLS to Recover:	3,468 BBLs	
	Pseudo Frac Gradient:	0.808 PSI/FT	Pseudo Frac Gradient:	15.529 LB/GAL			
			Net Pressure:	187 psi	Total BBLS to Recover:	3,468 BBLs	
	Breakdown Pressure:	3215	Breakdown Rate:	10.2	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval:	From	To
13	10/07/2014	3		5,932	5,933
12	10/07/2014	3		5,944	5,945
11	10/07/2014	3		5,964	5,965
10	10/07/2014	3		6,011	6,012
9	10/07/2014	3		6,026	6,027
8	10/07/2014	3		6,054	6,055
7	10/07/2014	3		6,077	6,078
6	10/07/2014	3		6,085	6,086
5	10/07/2014	3		6,118	6,119
4	10/07/2014	3		6,128	6,129
3	10/07/2014	3		6,143	6,144
2	10/07/2014	3		6,160	6,161
1	10/07/2014	3		6,190	6,191

Stage 5	Frac Date:	10/08/2014	Avg Rate:	46.0 BPM	Avg Pressure:	3,385 PSI	
Initial Completion	Proppant:	185,279 lbs total 185279 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	3,974 PSI	
	Initial Annulus Pressure:	0	Final Annulus Pressure:	0	Pump Down Volume:		
	PreFrac SICP:		ISIP:	2,017 PSI	Base BBLS to Recover:	4,951 BBLs	
	Pseudo Frac Gradient:	0.775 PSI/FT	Pseudo Frac Gradient:	14.900 LB/GAL			
			Net Pressure:	-231 psi	Total BBLS to Recover:	4,951 BBLs	
	Breakdown Pressure:	3673	Breakdown Rate:	2.3	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval:	From	To
13	10/08/2014	3		5,663	5,664
12	10/08/2014	3		5,696	5,697
11	10/08/2014	3		5,722	5,723
10	10/08/2014	3		5,741	5,742
9	10/08/2014	3		5,751	5,752
8	10/08/2014	3		5,766	5,767
7	10/08/2014	3		5,772	5,773
6	10/08/2014	3		5,784	5,785
5	10/08/2014	3		5,808	5,809
4	10/08/2014	3		5,827	5,828
3	10/08/2014	3		5,850	5,851
2	10/08/2014	3		5,880	5,881
1	10/08/2014	3		5,896	5,897

Stage 6	Frac Date:	10/08/2014	Avg Rate:	48.0 BPM	Avg Pressure:	2,870 PSI	
Initial Completion	Proppant:	110,592 lbs total 110592 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	4,076 PSI	
	Initial Annulus Pressure:	8	Final Annulus Pressure:	17	Pump Down Volume:		
	PreFrac SICP:		ISIP:	1,499 PSI	Base BBLS to Recover:	3,028 BBLs	
	Pseudo Frac Gradient:	0.709 PSI/FT	Pseudo Frac Gradient:	13.626 LB/GAL			
			Net Pressure:	-805 psi	Total BBLS to Recover:	3,028 BBLs	
	Breakdown Pressure:	2733	Breakdown Rate:	4.4	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval:	From	To
13	10/08/2014	3		5,148	5,149
12	10/08/2014	3		5,183	5,184
11	10/08/2014	3		5,190	5,191
10	10/08/2014	3		5,202	5,203
9	10/08/2014	3		5,208	5,209
8	10/08/2014	3		5,227	5,228
7	10/08/2014	3		5,248	5,249
6	10/08/2014	3		5,283	5,284
5	10/08/2014	3		5,343	5,344
4	10/08/2014	3		5,416	5,417
3	10/08/2014	3		5,424	5,425
2	10/08/2014	3		5,429	5,430
1	10/08/2014	3		5,435	5,436

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Stage 7	Frac Date:	10/08/2014	Avg Rate:	50.0 BPM	Avg Pressure:	2,732 PSI	
Initial Completion	Proppant:	131,495 lbs total 131495 lbs Ottawa	Max Rate:	61.0 BPM	Max Pressure:	3,881 PSI	
	Initial Annulus Pressure:	13	Final Annulus Pressure:	13	Pump Down Volume:		
	PreFrac SICP:		ISIP:	1,305 PSI	Base BBLS to Recover:	3,680 BBLs	
	Pseudo Frac Gradient:	0.688 PSI/FT	Pseudo Frac Gradient:	13.228 LB/GAL			
			Net Pressure:	696 psi	Total BBLS to Recover:	3,680 BBLs	
	Breakdown Pressure:	2032	Breakdown Rate:	2.4	Perfs Open:		
	ScreenOut:	No	Tracer:	(None)			

Zones:	Perf Date	SPF	Perf Interval:	From	To
13	10/08/2014	3		4,974	4,975
12	10/08/2014	3		4,982	4,983
11	10/08/2014	3		4,989	4,990
10	10/08/2014	3		5,008	5,009
9	10/08/2014	3		5,014	5,015
8	10/08/2014	3		5,035	5,036
7	10/08/2014	3		5,045	5,046
6	10/08/2014	3		5,053	5,054
5	10/08/2014	3		5,063	5,064
4	10/08/2014	3		5,080	5,081
3	10/08/2014	3		5,086	5,087
2	10/08/2014	3		5,106	5,107
1	10/08/2014	3		5,115	5,116

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/7/2014
Job End Date:	10/8/2014
State:	Utah
County:	Uintah
API Number:	43-047-54422-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers Federal 4-34-820
Longitude:	-109.67246900
Latitude:	40.14858100
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,500
Total Base Water Volume (gal):	1,152,922
Total Base Non Water Volume:	0

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	90.45881	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	8.52596	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.20232	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04594	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02297	
			Naphthalene	91-20-3	5.00000	0.00383	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00383	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00077	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.04493	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02181	

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			Ethylene glycol	107-21-1	30.00000	0.01091	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03044	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Methyl Alcohol	67-56-1		0.01309	
			Phosphonate of a Diamine, Sodium Salt	Proprietary		0.01309	
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.01482	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00247	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00675	
			Acetic acid	64-19-7	60.00000	0.00405	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.00928	
MC B-8614	Multi-Chem	Biocide					
			Glutaraldehyde	111-30-8	30.00000	0.00552	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00092	
MUSOL A SOLVENT	Halliburton	Solvent					
			Ethylene glycol monobutyl ether	111-76-2	100.00000	0.00284	
			Oxylated alcohol	Confidential	30.00000	0.00085	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00214	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00064	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00178	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Aldehyde	Confidential	30.00000	0.00037	
			Methanol	67-56-1	30.00000	0.00037	
			Isopropanol	67-63-0	30.00000	0.00037	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00012	
			Quaternary ammonium salt	Confidential	10.00000	0.00012	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.78696	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02297	
		Other Ingredient(s)					

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			Polyacrylamide copolymer	Confidential		0.00928	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00766	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00408	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00254	
		Other Ingredient(s)					
			Quaternary ammonium compound	Confidential		0.00247	
		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00225	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00167	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00155	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00155	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00064	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00051	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00045	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00045	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00037	
		Other Ingredient(s)					
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00031	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00031	
		Other Ingredient(s)					
			Methanol	67-56-1		0.00027	
		Other Ingredient(s)					
			Polyethoxylated fatty amine salt	61791-26-2		0.00012	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00012	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00011	
		Other Ingredient(s)					
			Ethoxylated amine	Confidential		0.00006	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					

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			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Crystalline silica, quartz	14808-60-7		0.00004	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00002	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00002	
		Other Ingredient(s)					
			Ammonium phosphate	7722-76-1		0.00001	
		Other Ingredient(s)					
			Sodium iodide	7681-82-5		0.00001	
		Other Ingredient(s)					
			Phosphoric Acid	7664-38-2		0.00000	
		Other Ingredient(s)					
			Naphthalene	91-20-3		0.00000	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00000	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED: Nov. 07, 2014

Well Name: **Three Rivers** **4-34-820** **1** **Green River**

Date, Time & SO: 10/07/14 **6:16 AM** **901724078**
Top & Bottom Perfs: 6539 ***TO*** 6697.0
Mid-Perf: 6630 ***BHST:*** 161 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	0	0:00:01	FR Water	6	0	**3.1**	**6.6**	**1737**	**2727**	**84**	**0.00**	**0.00**					0	1.00	0.50				0.50	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**9.7**	**10.7**	**2276**	**2393**	**2013**							0							
3	0 PPG	1135	0:18:55	FR Water	47657	0	**54.5**	**60.9**	**2706**	**3735**	**1947**							0	0.55	0.29	0.53			0.50	0.11
4	0.35 PPG White Sand	1604	0:26:44	FR Water	66239	25,502	**60.6**	**61.0**	**2743**	**3032**	**2342**	**0.39**	**0.44**					0	1.00	0.50	0.53			0.50	0.20
5	0.35 PPG White Sand	122	0:02:02	FR Water	5054	1,966	**60.8**	**60.8**	**2935**	**2997**	**2903**	**0.39**	**0.40**					0	1.00	0.50	2.00			0.50	0.20
6	0.35 PPG White Sand	122	0:02:02	FR Water	5036	1,994	**60.9**	**61.4**	**2928**	**2943**	**2909**	**0.40**	**0.42**	7.00	0.60			0	1.00	0.50	0.25			0.50	0.20
7	0 PPG	2	0:00:02	18# Delta 140	68	0	**61.1**	**61.1**	**2918**	**2930**	**2909**			18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
8	2 PPG White Sand	384	0:06:24	18# Delta 140	14678	28,695	**54.9**	**61.1**	**2610**	**3023**	**2130**	**1.96**	**2.40**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	239	0:03:59	18# Delta 140	8383	30,799	**47.5**	**53.8**	**2200**	**2553**	**1972**	**3.67**	**3.96**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	260	0:04:20	18# Delta 140	8438	36,629	**56.8**	**63.2**	**2306**	**2570**	**2151**	**4.34**	**5.21**	16.00	1.50		1.75	0	1.00	0.50		1.00	0.50		0.20
						0																			
						0																			
						0																			
						0																			
						0																			
11	Flush	142	0:02:22	FR Water	5964	0	**60.4**	**61.1**	**2837**	**3157**	**2362**	**0.00**	**0.00**						1.00	0.50				0.50	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**586.58**	**57.31**	**0.00**	**64.10**	**0.00**	**140.08**	**70.75**	**77.15**	**31.57**	**15.78**	**64.98**	**28.02**
													Actual Amt	**580.00**	**56.40**		**64.40**		**139.70**	**69.90**	**77.40**	**31.50**	**15.70**	**64.60**	**28.00**
													Percent Variance	**-1.1%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**577.00**	**56.50**		**60.00**		**145.00**	**73.00**	**73.00**	**31.00**	**15.00**	**62.00**	**28.50**
													Percent Variance	**-1.6%**	**0.0%**	**0.0%**	**-6.4%**	**0.0%**	**3.5%**	**3.2%**	**-5.4%**	**0.0%**	**0.0%**	**-4.6%**	**0.0%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	4033
Pump Time (Min)	1:09:13
Clean Fluid (gal)	162523
Proppant (lb)	140231

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: **122,728** **Lbs**

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	122,728	Lbs

Variance **0.0%**

MB Vari	SS Vari	Dens Vari	SC Vari
2.3%	**4.4%**	**0.1%**	**-0.1%**

Avg Rate	**48.2**	**BPM**	
Avg Corrected Rate	**52.7**	**BPM**	
Max Rate	**63.2**	**BPM**	
Average Prop Con	**1.9**		
Average Pressure	2563.3	**PSI**	
Maximum Pressure	3735.0	**PSI**	

Inital Annulus Pressure	**0.0**	**PSI**	**Average Annulus Pressure**	**0.0** **PSI**
Final Annulus Pressure	**0.0**	**PSI**	**Change in Annulus Pressure**	**0.0** **PSI**

BREAKDOWN INFORMATION:

Base Fluid:	**8.36**	**PPG**			
Wellhead Pressure:	**84**	**PSI**			
Broke Back:	**2727**	**PSI**	@	**2.6**	**BPM**
Pressure (Prop at Perfs)	**2747**	**PSI**	@	**60.8**	**BPM**
Initial ISIP:		**PSI**			
ISDP:	**1883**	**PSI**	@	**0.719**	**PSI/FT**

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
530	**530**	**71.7**

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C

Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Lost prime in stage 8; got it back in stage 10

Well Name: Three Rivers 4-34-820 | 2 | Green River

Date, Time & SO: 10/07/14 | 11:04 AM | 901724078

Top & Bottom Perfs: 6444 TO 6517.0

Mid-Perf: 6481 **BHST:** 159 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	1	0:00:07	FR Water	48	0	**4.1**	**8.8**	**1767**	**2310**	**1047**	**0.00**	**0.00**					0	1.00	0.50				0.50	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**10.5**	**10.7**	**2202**	**2388**	**2052**							0							
3	0 PPG	520	0:08:40	FR Water	21846	0	**39.8**	**49.9**	**3294**	**4156**	**2017**							0	1.00	0.50	0.61			0.50	0.20
4	0 PPG	2	0:00:02	FR Water	87	0	**3.7**	**8.1**	**1145**	**1315**	**1071**							0	1.00	0.50				0.50	0.20
5	0 PPG	24	0:00:24	15 % HCL Acid	1000	0	**10.3**	**10.7**	**1476**	**1540**	**1313**							0	1.00	0.50					0.20
6	0 PPG	1004	0:16:44	FR Water	42167	0	**56.4**	**61.2**	**3398**	**3821**	**1540**							0	1.00	0.50	0.61			0.50	0.20
7	0.35 PPG White Sand	946	0:15:46	FR Water	39046	15,267	**59.4**	**60.7**	**3470**	**3937**	**3002**	**0.39**	**0.54**	6.00	0.10			0	1.00	0.50	0.61	0.08	0.04	0.50	0.20
8	0.35 PPG White Sand	122	0:02:02	18# Delta 140	5026	4,860	**51.0**	**51.8**	**3710**	**4112**	**3443**	**0.97**	**1.10**	18.00	1.80			0	1.00	0.50	2.00	1.00	0.50	0.50	0.20
9	0.35 PPG White Sand	47	0:00:47	18# Delta 140	1938	1,149	**34.6**	**37.9**	**3748**	**3883**	**3599**	**0.59**	**1.11**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50	0.50	0.20
10	0 PPG	0	0:00:00	18# Delta 140	0	0									0.00										
11	2 PPG White Sand	0	0:00:00	18# Delta 140	0	0									0.00										
12	4 PPG White Sand	0	0:00:00	18# Delta 140	0	0									0.00										
13	6 PPG White Sand	0	0:00:00	18# Delta 140	0	0									0.00										
						0																			
						0																			
14	Flush	150	0:02:30	FR Water	6279	0	**33.8**	**33.9**	**3591**	**3810**	**3787**	**0.00**	**0.00**						1.00	0.50				0.50	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**359.63**	**16.44**	**0.00**	**0.00**	**0.00**	**117.44**	**58.72**	**73.40**	**10.09**	**5.04**	**58.22**	**23.49**
													Actual Amt	**363.00**	**17.40**				**115.50**	**57.90**	**73.10**	**9.10**	**4.50**	**58.20**	**23.10**
													Percent Variance	**0.9%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**-1.6%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**375.00**	**15.00**		**0.00**		**111.00**	**55.00**	**65.00**	**10.00**	**5.00**	**52.50**	**21.00**
													Percent Variance	**4.3%**	**-8.8%**	**0.0%**	**0.0%**	**0.0%**	**-5.5%**	**-6.3%**	**-11.4%**	**0.0%**	**0.0%**	**-9.8%**	**-10.6%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	2839
Pump Time (Min)	0:49:23
Clean Fluid (gal)	118437
Proppant (lb)	16104

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: **21,330** **Lbs**

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	21,330	Lbs

Variance **405.9%**

MB Vari	SS Vari	Dens Vari	SC Vari
-0.3%	-80.5%	-80.2%	0.8%

Avg Rate	**30.4**	**BPM**
Avg Corrected Rate	**33.3**	**BPM**
Max Rate	**61.2**	**BPM**
Average Prop Con	**0.7**	
Average Pressure	2780.1	**PSI**
Maximum Pressure	4156.0	**PSI**

Inital Annulus Pressure	**9.0**	**PSI**
Final Annulus Pressure	**10.8**	**PSI**
Average Annulus Pressure	**10.4**	**PSI**
Change in Annulus Pressure	**1.8**	**PSI**

BREAKDOWN INFORMATION:

Base Fluid:	**8.36**	**PPG**		
Wellhead Pressure:	**1047**	**PSI**		
Broke Back:	**1790**	**PSI**	@ **2.5**	**BPM**
Pressure (Prop at Perfs)	**3360**	**PSI**	@ **60.7**	**BPM**
Initial ISIP:		**PSI**		
ISDP:	**1609**	**PSI**	@ **0.683**	**PSI/FT**

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
531	**531**	**77.1**
533	533	82.2

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
No pressure relief seen with acid. Per co. rep. this zone will be re-perforated
Came back online at 13:27; ended job at 14:13
Per co. rep. started gel in stage 4
Pressure came up quickly in stage 6, dropped rate; per co. rep. cut sand and went to flush
Total proppant placed: 21,330/107916 lbs; ~20% placed

Well Name: **hree Rivers** **4-34-820** **3** **Green River**

Date, Time & SO: 10/07/14 **4:42 PM** **901724078**
Top & Bottom Perfs: 6216 ***TO*** 6344.0
Mid-Perf: 6307 ***BHST:*** 156 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Sandwedge N 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	3	0:00:19	FR Water	133	0	**2.6**	**5.9**	**1245**	**1615**	**846**	**0.00**	**0.00**					0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**9.2**	**17.6**	**2437**	**2762**	**1596**	**0.00**	**0.00**					0							
3	0 PPG	1713	0:28:33	FR Water	71930	0	**55.1**	**61.2**	**3360**	**4131**	**2005**	**0.00**	**0.00**					0	1.00	0.50	0.33			0.30	0.20
4	0.35 PPG White Sand	2639	0:43:59	FR Water	108979	36,617	**60.7**	**60.7**	**3027**	**3230**	**2925**	**0.34**	**0.40**					0	1.00	0.50	0.33			0.30	0.20
5	0.35 PPG White Sand	121	0:02:01	FR Water	5011	2,004	**60.6**	**60.6**	**3173**	**3191**	**3156**	**0.40**	**0.41**					0	1.00	0.50	2.00			0.30	0.20
6	0.35 PPG White Sand	124	0:02:04	FR Water	5134	2,028	**60.6**	**61.0**	**3227**	**3268**	**3181**	**0.40**	**0.42**					0	1.00	0.50	0.25			0.30	0.20
7	0 PPG	53	0:00:53	18# Delta 140	2211	250	**59.5**	**61.6**	**3121**	**3231**	**2958**	**0.11**	**0.43**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
8	2 PPG White Sand	590	0:09:50	18# Delta 140	22568	48,363	**60.3**	**60.6**	**2921**	**3225**	**2686**	**2.14**	**2.50**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	366	0:06:06	18# Delta 140	12842	52,460	**60.2**	**60.5**	**2553**	**2736**	**2402**	**4.09**	**4.24**	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	286	0:04:46	18# Delta 140	9268	50,353	**60.3**	**61.0**	**2263**	**2409**	**2120**	**5.43**	**6.14**	18.00	1.80		1.80	0	1.00	0.50		1.00	0.50		0.20
						0																			
						0																			
						0																			
						0																			
						0																			
11	Flush	145	0:02:25	FR Water	6105	0	**59.0**	**60.9**	**2263**	**2804**	**2128**	**0.00**	**0.00**						1.00	0.50				0.30	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**844.00**	**84.40**	**0.00**	**90.64**	**0.00**	**244.18**	**122.09**	**80.71**	**46.89**	**23.44**	**59.19**	**48.84**
													Actual Amt	**1212.00**	**84.00**		**90.00**		**244.00**	**121.10**	**81.40**	**47.60**	**23.80**	**59.00**	**48.50**
													Percent Variance	**43.6%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**1210.00**	**84.00**		**90.00**		**225.00**	**125.00**	**83.00**	**50.00**	**25.00**	**57.00**	**46.00**
													Percent Variance	**43.4%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**-7.9%**	**2.4%**	**2.8%**	**6.6%**	**6.6%**	**-3.7%**	**-5.8%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 6064
Pump Time (Min) 1:43:19
Clean Fluid (gal) 245181
Proppant (lb) 193805

(Use weight slips for below amounts) **Variance** ***COMMENTS:***

TOTAL PROPPANT PUMPED: **188,324** **Lbs** **0.0%**

% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari
0%	None	20/40		Lbs	**2.0%**	**0.4%**	**0.3%**	**0.3%**
0%	TLC	20/40		Lbs				
100%	White Sand	20/40	188,324	Lbs				

Avg Rate **49.8** BPM
Avg Corrected Rate **54.6** BPM
Max Rate **61.6** BPM
Average Prop Con **1.4**
Average Pressure 2690.0 PSI
Maximum Pressure 4131.0 PSI

Inital Annulus Pressure **17.0** PSI
Final Annulus Pressure **0.0** PSI
Average Annulus Pressure **16.7** PSI
Change in Annulus Pressure **-17.0** PSI

HES Engineer: ***Paul McClean***
Co. Rep: Jeff Scott
Crew: RED B
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Pressure increase in S4, recommended increase in FR, Co rep wants to stay at .30
Difficulty bringing up conc. Gel adjusted setpoint for a 16# xlink gel, xlink was good,
Extra Gel was used to obtain appropriate gel setpoint

BREAKDOWN INFORMATION:

Base Fluid: **8.35** PPG
Wellhead Pressure: **846** PSI
Broke Back: **1351** PSI @ **2.2** BPM
Pressure (Prop at Perfs) **3097** PSI @ **60.7** BPM
Initial ISIP: PSI
ISDP: **1532** PSI @ **0.677** PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
536	536	79.7

RECEIVED: Nov. 07, 2014

Well Name: Three Rivers 4-34-820 | 4 | Green River

Date, Time & SO: 10/07/14 | 2:27 AM | 901724078

Top & Bottom Perfs: 5932 TO 6129.0

Mid-Perf: 6062 **BHST:** 152 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	29	0:02:57	FR Water	1236	0	8.5	26.7	2346	3216	1266	0.00	0.00					1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.7	50.1	2093	2204	1736	0.00	0.00											
3	0 PPG	1084	0:18:04	FR Water	45519	0	53.6	60.4	3172	4129	1937	0.00	0.00					1.00	0.50	0.50			0.40	0.20
4	0.5 PPG White Sand	1191	0:19:51	FR Water	48819	25,532	59.8	60.4	3336	3719	2886	0.52	0.57					1.00	0.50	0.50			0.50	0.20
5	0.5 PPG White Sand	122	0:02:02	FR Water	5020	2,681	56.3	58.3	3856	3978	3719	0.53	0.55					1.00	0.50	2.20			0.50	0.20
6	0.5 PPG White Sand	123	0:02:03	FR Water	5028	3,062	31.1	55.2	2880	4164	1498	0.61	0.90		0.75			1.00	0.50	0.25	0.80	0.80	0.50	0.20
7	0 PPG	0	0:00:00	16# Delta 140	1	1	40.5	40.5	3595	3599	3584	0.57	0.57	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	411	0:06:51	16# Delta 140	15714	34,194	43.9	47.5	3682	3801	3599	2.18	2.43	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	255	0:04:15	16# Delta 140	8938	35,788	49.3	50.4	3621	3709	3445	4.00	4.19	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	259	0:04:19	16# Delta 140	8395	43,973	52.6	57.2	3376	3473	3289	5.24	6.00	16.00	1.60	1.55		1.00	0.50		0.82	0.82		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	141	0:02:21	FR Water	5907	0	26.6	57.3	2722	3886	3472	0.00	0.00					0.40	0.20				0.30	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	
														Calculated Amt	**528.77**	**56.65**	**68.16**	**0.00**	**141.03**	**70.52**	**65.63**	**35.56**	**35.56**	**49.78**	**28.92**
														Actual Amt	**533.00**	**55.80**	**68.90**	**0.00**	**140.10**	**70.30**	**66.10**	**34.90**	**34.90**	**50.40**	**28.10**
														Percent Variance	**0.8%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
														Strap Amt	**545.00**	**53.00**	**65.00**		**148.00**	**75.00**	**67.00**	**35.00**	**35.00**	**50.00**	**30.00**
														Percent Variance	**3.1%**	**-6.4%**	**-4.6%**	**0.0%**	**4.9%**	**6.4%**	**2.1%**	**0.0%**	**0.0%**	**0.0%**	**3.8%**

Slurry (bbl) 3638
Pump Time (Min) 1:05:04
Clean Fluid (gal) 145577
Proppant (lb) 146984

Percent Variance is reported as 0% if variance is within 1 gallon.

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 142,600 Lbs

% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	142,600	Lbs

Variance 0.0%

MB Vari	SS Vari	Dens Vari	SC Vari
1.8%	-2.9%	-0.3%	-0.3%

Avg Rate 39.4 BPM
Avg Corrected Rate 42.4 BPM
Max Rate 60.4 BPM
Average Prop Con 1.5
Average Pressure 3152.6 PSI
Maximum Pressure 4164.0 PSI

Inital Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.38 PPG
Wellhead Pressure: 1335 PSI
Broke Back: 3215 PSI @ 10.2 BPM
Pressure (Prop at Perfs) 2969 PSI @ 60.2 BPM
Initial ISIP: PSI
ISDP: 2320 PSI @ 0.819 PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
538	538	63.2

COMMENTS:

HES Engineer: Paul McLean
Co. Rep:
Crew: Red B

Equipment running well
Xlink samples look good
Good job by Crew
6bbl overflush per Co Rep
In S1 lost suction on the Blender
In S3 dropped rate due to pressure
Increased FR set point to .5 in S3
Dropped rate in S4 due to pressure, staged into S5 early due to pressure
Dropped rate in S5 due to pressure
Trucks kicked out in S6, brought trucks back on immediately
Gel loading in S8 came in at 18# per co rep going to leave at higher loading
Went 1000 gals long to pump remainder of sand that was cut in S4
Dropped rate in flush due to pressure

RECEIVED: Nov. 07, 2014

Well Name: **Three Rivers** **4-34-820** **5** **Green River**

Date, Time & SO: 10/08/14 **6:34 AM** **901724078**
Top & Bottom Perfs: 5663 ***TO*** 5828.0
Mid-Perf: 5780 ***BHST:*** 148 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Liquid Additives: Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	1	0:00:04	FR Water	30	0	**2.2**	**2.9**	**3146**	**3809**	**1309**	**0.00**	**0.00**					0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**5.0**	**8.4**	**3578**	**3974**	**3093**							0							
3	0 PPG	1376	0:22:56	FR Water	57810	0	**38.6**	**60.5**	**3068**	**3974**	**2897**							0	1.00	0.50	0.40			0.50	0.20
4	0.5 PPG White Sand	2204	0:36:44	FR Water	90371	42,745	**60.3**	**60.5**	**3068**	**3871**	**2897**	**0.47**	**0.51**					0	1.00	0.50	0.40			0.50	0.20
5	0.5 PPG White Sand	122	0:02:02	FR Water	5006	2,363	**59.1**	**59.6**	**3846**	**3871**	**3826**	**0.47**	**0.71**					0	1.00	0.50	2.00			0.50	0.20
6	0.5 PPG White Sand	115	0:01:55	FR Water	4720	2,407	**59.0**	**59.2**	**3839**	**3859**	**3819**	**0.51**	**0.71**	8.00	0.81			0	1.00	0.50	0.25	0.51	0.51	0.50	0.20
7	0 PPG	0	0:00:00	16# Delta 140	0	0									0.00										
8	2 PPG White Sand	529	0:08:49	16# Delta 140	20242	40,059	**59.8**	**60.3**	**3673**	**3853**	**3478**	**1.98**	**2.07**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	328	0:05:28	16# Delta 140	11532	44,294	**59.9**	**60.3**	**3253**	**3490**	**3057**	**3.84**	**4.10**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	361	0:06:01	16# Delta 140	11720	55,272	**59.8**	**61.1**	**2906**	**3079**	**2758**	**4.72**	**5.81**	12.50	1.26		1.70	0	1.00	0.50		0.79	0.79		0.20
						0																			
						0																			
						0																			
						0																			
						0																			
11	Flush	120	0:02:00	FR Water	5035	0	**60.0**	**60.0**	**3477**	**3725**	**2992**	**0.00**	**0.00**						1.00	0.50				0.30	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**692.64**	**69.40**	**0.00**	**93.96**	**0.00**	**206.47**	**103.23**	**79.14**	**43.37**	**43.37**	**80.47**	**41.29**
													Actual Amt	**687.00**	**68.90**		**93.00**		**206.50**	**103.20**	**78.40**	**43.20**	**43.20**	**80.30**	**41.40**
													Percent Variance	**-0.8%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**687.00**	**68.50**		**83.00**		**207.00**	**105.00**	**80.00**	**45.00**	**45.00**	**80.50**	**41.00**
													Percent Variance	**-0.8%**	**0.0%**	**0.0%**	**-11.7%**	**0.0%**	**0.0%**	**1.7%**	**0.0%**	**3.7%**	**3.7%**	**0.0%**	**0.0%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 5181
Pump Time (Min) 1:28:24
Clean Fluid (gal) 207466
Proppant (lb) 206981

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: **184,000** **Lbs** **Variance** **0.0%**

% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari
0%	None	20/40		Lbs	1.7%	4.0%	0.7%	-0.3%
0%	TLC	20/40		Lbs				
100%	White Sand	20/40	184,000	Lbs				

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C

Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Per co. rep. staged to 5 early
Per co. rep. increased FR concentration in stage 3
Proppant concentration dropped in stage 5 because the sand screws got stuck

Avg Rate 46.4 BPM
Avg Corrected Rate 51.3 BPM
Max Rate 61.1 BPM
Average Prop Con 2.0
Average Pressure 3385.4 PSI
Maximum Pressure 3974.0 PSI

Inital Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.39 PPG
Wellhead Pressure: 1309 PSI
Broke Back: 3673 PSI @ 2.3 BPM
Pressure (Prop at Perfs) 3062 PSI @ 60.3 BPM
Initial ISIP: PSI
ISDP: 2017 PSI @ 0.785 PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
542	542	62.8

Well Name: **Three Rivers** **4-34-820** **6** **Green River**

HALLIBURTON

Date, Time & SO:	10/08/14	**10:14 AM**	**901724078**
Top & Bottom Perfs:	5148	***TO***	5417.0
Mid-Perf:	5292	***BHST:***	140 °F

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Liquid Additives: Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	1	0:00:05	FR Water	33	0	**3.3**	**6.9**	**2195**	**3104**	**647**	**0.00**	**0.00**					0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**9.1**	**10.3**	**3641**	**3852**	**3104**							0							
3	0 PPG	840	0:14:00	FR Water	35263	0	**47.8**	**60.7**	**3247**	**4076**	**2235**							0	1.00	0.50	0.69			0.30	0.20
4	0.5 PPG White Sand	1264	0:21:04	FR Water	51824	27,933	**60.5**	**61.2**	**3020**	**3167**	**2857**	**0.54**	**0.58**					0	1.00	0.50	0.69			0.30	0.20
5	0.5 PPG White Sand	122	0:02:02	FR Water	5018	2,685	**60.0**	**60.1**	**3009**	**3037**	**2989**	**0.54**	**0.55**					0	1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	117	0:01:57	FR Water	4778	2,652	**60.1**	**60.3**	**3021**	**3068**	**2983**	**0.56**	**0.57**	5.00	0.67			0	1.00	0.50	0.25	0.42	0.42	0.30	0.20
7	0 PPG	0	0:00:00	16# Delta 140	0	0									0.00										
8	2 PPG White Sand	314	0:05:14	16# Delta 140	11999	24,910	**60.0**	**60.3**	**2774**	**3027**	**2618**	**2.08**	**2.29**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	197	0:03:17	16# Delta 140	6919	26,140	**60.0**	**60.2**	**2507**	**2647**	**2403**	**3.78**	**3.96**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	160	0:02:40	16# Delta 140	5186	26,718	**60.0**	**60.6**	**2338**	**2511**	**2074**	**5.15**	**6.08**	12.00	1.37		1.60	0	1.00	0.50		0.86	0.86		0.20
						0																			
						0																			
						0																			
						0																			
						0																			
11	Flush	123	0:02:03	FR Water	5175	0	**59.8**	**60.1**	**2948**	**3214**	**2510**	**0.00**	**0.00**						1.00	0.50				0.30	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**388.81**	**40.58**	**0.00**	**42.75**	**0.00**	**126.20**	**63.10**	**75.96**	**25.36**	**25.36**	**30.63**	**25.24**
													Actual Amt	**378.00**	**39.80**		**41.80**		**128.70**	**63.08**	**76.00**	**25.00**	**24.99**	**30.91**	**24.76**
													Percent Variance	**-2.8%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**2.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**384.00**	**44.50**		**45.00**		**130.00**	**65.00**	**74.00**	**25.00**	**25.00**	**33.00**	**21.50**
													Percent Variance	**-1.2%**	**9.7%**	**0.0%**	**5.3%**	**0.0%**	**3.0%**	**3.0%**	**-2.6%**	**0.0%**	**0.0%**	**7.7%**	**-14.8%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl)	3161
Pump Time (Min)	0:54:44
Clean Fluid (gal)	127195
Proppant (lb)	113600

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: **110,400** **Lbs**

% of Job	**Prop**	**Mesh**	**Quantity**	**Units**
0%	**None**	**20/40**		**Lbs**
0%	**TLC**	**20/40**		**Lbs**
100%	**White Sand**	**20/40**	**110,400**	**Lbs**

Variance **0.0%**

MB Vari	**SS Vari**	**Dens Vari**	**SC Vari**
0.6%	**-2.6%**	**0.2%**	**-0.4%**

Avg Rate	**48.1**	**BPM**
Avg Corrected Rate	**53.0**	**BPM**
Max Rate	**61.2**	**BPM**
Average Prop Con	**2.1**	
Average Pressure	2870.0	**PSI**
Maximum Pressure	4076.0	**PSI**

Inital Annulus Pressure	**8.0**	**PSI**	**Average Annulus Pressure**	**13.9** **PSI**
Final Annulus Pressure	**17.0**	**PSI**	**Change in Annulus Pressure**	**9.0** **PSI**

BREAKDOWN INFORMATION:

Base Fluid:	**8.38**	**PPG**			
Wellhead Pressure:	**647**	**PSI**			
Broke Back:	**2733**	**PSI**	@	**4.4**	**BPM**
Pressure (Prop at Perfs)	**3049**	**PSI**	@	**60.7**	**BPM**
Initial ISIP:		**PSI**			
ISDP:	**1499**	**PSI**	@	**0.719**	**PSI/FT**

CLEAN STREAM:

UV1 HRs	**UV2 HRs**	**Transm.%**
543	**543**	**71.2**

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Had to take a truck offline in stage 4; caught rate with other trucks

RECEIVED: Nov. 07, 2014

Well Name: **Three Rivers** **4-34-820** **7** **Green River**

Date, Time & SO: 10/08/14 **1:57 PM** **901724078**
Top & Bottom Perfs: 4974 ***TO*** 5081.0
Mid-Perf: 5045 ***BHST:*** 137 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives: WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)		Liquid Additives: Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bacteriacide) (gpt)
1	Pre-Pad	2	0:00:14	FR Water	95	0	**0.2**	**5.6**	**1914**	**2221**	**885**	**0.00**	**0.00**					0	1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	**9.0**	**9.9**	**2713**	**2266**	**1659**							0							
3	0 PPG	1023	0:17:03	FR Water	42970	0	**56.7**	**60.9**	**2452**	**3881**	**1440**							0	1.00	0.50	0.55			0.30	0.20
4	0.5 PPG White Sand	1610	0:26:50	FR Water	66016	31,820	**60.8**	**60.9**	**3302**	**2910**	**2299**	**0.48**	**0.55**					0	1.00	0.50	0.55			0.30	0.20
5	0.5 PPG White Sand	123	0:02:03	FR Water	5043	2,703	**60.5**	**60.6**	**3407**	**395**	**2910**	**0.54**	**0.56**					0	1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	123	0:02:03	FR Water	5033	2,904	**60.4**	**60.7**	**3377**	**3438**	**3372**	**0.58**	**0.60**	6.00	0.50			0	1.00	0.50	0.25	0.30	0.30	0.30	0.20
7	0 PPG	2	0:00:02	16# Delta 140	92	0	**60.7**	**60.7**	**3025**	**3381**	**3375**			16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	391	0:06:31	16# Delta 140	14966	36,637	**60.2**	**60.7**	**2584**	**3377**	**2754**	**2.45**	**2.71**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	242	0:04:02	16# Delta 140	8483	37,665	**60.0**	**60.3**	**2356**	**2762**	**2430**	**4.44**	**4.85**	16.00	1.60			0	1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	189	0:03:09	16# Delta 140	6122	21,513	**60.4**	**60.9**	**2563**	**2466**	**2283**	**3.51**	**6.25**	16.00	1.60		2.20	0	1.00	0.50		1.00	1.00		0.20
						0																			
						0																			
						0																			
						0																			
						0																			
11	Flush	112	0:01:52	FR Water	4723	0	**60.8**	**60.8**	**2356**	**2623**	**2466**	**0.00**	**0.00**		1.60				1.00	0.50				0.30	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
													Calculated Amt	**504.81**	**57.53**	**0.00**	**47.33**	**0.00**	**153.54**	**76.77**	**77.23**	**31.17**	**31.17**	**37.16**	**30.71**
													Actual Amt	**510.00**	**57.20**		**47.80**		**153.10**	**77.20**	**77.00**	**31.00**	**30.90**	**36.50**	**31.30**
													Percent Variance	**1.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
													Strap Amt	**516.00**	**53.00**		**45.00**		**148.00**	**74.00**	**81.00**	**31.00**	**31.00**	**31.00**	**28.00**
													Percent Variance	**2.2%**	**-7.9%**	**0.0%**	**-4.9%**	**0.0%**	**-3.6%**	**-3.6%**	**4.9%**	**0.0%**	**0.0%**	**-16.6%**	**-8.8%**

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3841
Pump Time (Min) 1:06:12
Clean Fluid (gal) 154543
Proppant (lb) 138642

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: **135,798** **Lbs** **Variance** **-0.1%**

% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari	SC Vari
0%	None	20/40		Lbs	-1.9%	-3.1%	-3.1%	1.8%
0%	TLC	20/40		Lbs				
100%	White Sand	20/40	135,798	Lbs				

COMMENTS:

HES Engineer: ***Ugoma Achebe***
Co. Rep: Jeff Scott
Crew: RED C

Xlink samples look good
Good job by Crew
3bbl underflush per Co Rep
Came offline
IFS Logical froze up in stage 9 and proppant total stopped counting; per co. rep. went off sand screw totals.
Blender did not stage to flush; accidentally pumped BC-140 in flush

Avg Rate 50.0 BPM
Avg Corrected Rate 55.0 BPM
Max Rate 60.9 BPM
Average Prop Con 2.0
Average Pressure 2731.7 PSI
Maximum Pressure 3881.0 PSI

Inital Annulus Pressure 13.0 PSI
Final Annulus Pressure 13.0 PSI
Average Annulus Pressure 13.0 PSI
Change in Annulus Pressure 0.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.39 PPG
Wellhead Pressure: 922 PSI
Broke Back: 2032 PSI @ 2.4 BPM
Pressure (Prop at Perfs) 2430 PSI @ 60.8 BPM
Initial ISIP: PSI
ISDP: 1305 PSI @ 0.695 PSI/FT

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
546	546	72.7

RECEIVED: Nov. 07, 2014